

IDEALPLUSING (IPS) Group

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Step-down DC-DC Converters 12V/24V to 5V Series

DC12V/24V to DC5V 3A Power Converters 15W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-35V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Plastic shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S53
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	3Amps
Output rated power	15 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	63*32*18mm
Package size	89*72*30mm
N. Weight	55g
G. Weight	60g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V/24V to DC5V 5A Power Converters 25W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-35V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Plastic shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S55
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	5Amps
Output rated power	25 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	63*32*18mm
Package size	89*72*30mm
N. Weight	55g
G. Weight	60g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V/24V to DC5V 10A Power Converters 50W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-35V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Plastic shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal oper
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S510
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	10Amps
Output rated power	50 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	63*32*18mm
Package size	89*72*30mm
N. Weight	55g
G. Weight	60g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Box packing



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DC12V/24V to DC5V 10A Power Converters 50W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-35V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S510
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	10Amps
Output rated power	50 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Box packing



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DC12V/24V to DC5V 15A Power Converters 75W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S515
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	15Amps
Output rated power	75 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V/24V to DC5V 20A Power Converters 100W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S520
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	20Amps
Output rated power	100 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V/24V to DC5V 30A Power Converters 150W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC5V step-down converter, efficiency up to 91%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S530
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	30Amps
Output rated power	150 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	310g
G. Weight	320g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V/24V to DC5V 50A Power Converters 250W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC5V step-down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S550
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	50Amps
Output rated power	250 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 40mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC12V/24V to DC5V 60A Power Converters 300W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC5V step-down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD1224S560
Input rated voltage	12V / 24V DC
Input voltage range	8-36V DC
Efficiency	93% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	60Amps
Output rated power	300 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<40mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-down DC-DC Converters 24V to 12V Series

DC24V to DC12V 1.5A Power Converters 18W

Features

- 100% full power & stable current output
- 100% Imported components
- Wide input voltage from 16-36Vdc
- 100% waterproof & anti-shock protection, Ultra compact size, light weight
- Industry grade DC16-36V to DC12V step-down converter, efficiency up to 94%
- **Certificates: CE/RoHS**
- Waterproof level: IP68
- Plastic shell, epoxy potting, Cooling by free air convection,
- Protections: Over-current, Over-voltage, Over-temperature,
- Over-load and Short-circuit, Auto-recovery when device is back to normal operating
- Non-Isolated Module
- 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S121.5
Input rated voltage	24V DC
Input voltage range	16-36V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	1.5Amps
Output rated power	18 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	63*32*18mm
Package size	89*72*30mm
N. Weight	55g
G. Weight	60g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC24V to DC12V 3A Power Converters 36W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 16-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC16-36V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Plastic shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S123
Input rated voltage	24V DC
Input voltage range	16-36V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	3Amps
Output rated power	36 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	63*32*18mm
Package size	89*72*30mm
N. Weight	55g
G. Weight	60g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC12V 5A Power Converters 60W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 16-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC16-36V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Plastic shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD24S125
Input rated voltage	24V DC
Input voltage range	16-36V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	5Amps
Output rated power	60 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	63*32*18mm
Package size	89*72*30mm
N. Weight	55g
G. Weight	60g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC24V to DC12V 8A Power Converters 96W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 16-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S128
Input rated voltage	24V DC
Input voltage range	16-36V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	8Amps
Output rated power	96 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC12V 10A Power Converters 120W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 16-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S1210
Input rated voltage	24V DC
Input voltage range	16-36V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	12VDC
Output current	10Amps
Output rated power	120 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC12V 15A Power Converters 180W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 16-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S1215
Input rated voltage	24V DC
Input voltage range	16-36V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	12VDC
Output current	15Amps
Output rated power	180Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC12V 20A Power Converters 240W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 16-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD24S1220
Input rated voltage	24V DC
Input voltage range	16-36V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	12VDC
Output current	20Amps
Output rated power	240Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC12V 30A Power Converters 360W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD24S1230
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	12VDC
Output current	30Amps
Output rated power	360Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 120mV
No-load current	<50mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC24V to DC12V 40A Power Converters 480W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S1240
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	12VDC
Output current	40Amps
Output rated power	480 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 120mV
No-load current	<50mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	480g
G. Weight	510g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC12V 50A Power Converters 600W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S1250
Input rated voltage	24V DC
Input voltage range	18-35V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	12VDC
Output current	50Amps
Output rated power	600 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	<30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing

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DC24V to DC12V 60A Power Converters 720W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD24S1260
Input rated voltage	24V DC
Input voltage range	18-35V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	12VDC
Output current	60Amps
Output rated power	720Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	<30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC24V to DC12V 85A Power Converters 1020W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC12V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S1285
Input rated voltage	24V DC
Input voltage range	18-35V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	12VDC
Output current	85Amps
Output rated power	600 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	<30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	265*127*63mm
Package size	300*152*100mm
N. Weight	2.3kg
G. Weight	2.4kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-down DC-DC Converters 24V to 13.8V Series

DC24V to DC13.8V 5A Power Converters 69W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC13.8V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S13.85
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	13.8VDC
Output current	5Amps
Output rated power	69 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC13.8V 10A Power Converters 138W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC13.8V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S13.810
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	13.8VDC
Output current	10 Amps
Output rated power	138 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC13.8V 15A Power Converters 207W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC13.8V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD24S13.815
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	13.8VDC
Output current	15Amps
Output rated power	207 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC13.8V 20A Power Converters 276W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC13.8V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD24S13.820
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	13.8VDC
Output current	20Amps
Output rated power	276 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC13.8V 30A Power Converters 414W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC13.8V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S13.830
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	13.8VDC
Output current	30Amps
Output rated power	414 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 120mV
No-load current	<50mA
Working Temperature	-40°c ~ +80°c
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC24V to DC13.8V 40A Power Converters 552W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC13.8V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S13.840
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	13.8VDC
Output current	40 Amps
Output rated power	552 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 120mV
No-load current	<50mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	480g
G. Weight	510g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC24V to DC13.8V 50A Power Converters 690W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC13.8V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operatin
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S13.850
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	13.8VDC
Output current	50Amps
Output rated power	690 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	<30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing

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DC24V to DC13.8V 60A Power Converters 828W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 18-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC13.8V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S13.860
Input rated voltage	24V DC
Input voltage range	18-36V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	13.8VDC
Output current	60Amps
Output rated power	828 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	<30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-down DC-DC Converters 36V to 12V Series

DC36V to DC12V 5A Power Converters 60W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 30-50Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC36V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD36S1205
Input rated voltage	36V DC
Input voltage range	30-50V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	5Amps
Output rated power	60 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC36V to DC12V 10A Power Converters 120W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 30-50Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC36V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD36S1210
Input rated voltage	36V DC
Input voltage range	30-50V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	10Amps
Output rated power	120Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC36V to DC12V 15A Power Converters 180W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 30-50Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC36V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD36S1215
Input rated voltage	36V DC
Input voltage range	30-50V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	15 Amps
Output rated power	180 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC36V to DC12V 20A Power Converters 240W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 30-50Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC36V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD36S1220
Input rated voltage	36V DC
Input voltage range	30-50V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	20Amps
Output rated power	240 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC36V to DC12V 30A Power Converters 360W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 28-50Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC36V to DC12V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD36S1230
Input rated voltage	36V DC
Input voltage range	28-50V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	30Amps
Output rated power	360 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 120mV
No-load current	< 50mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC36V to DC12V 50A Power Converters 600W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 28-50Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC36V to DC12V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD36S1250
Input rated voltage	36V DC
Input voltage range	28-50V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	12VDC
Output current	50Amps
Output rated power	600 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing

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DC36V to DC12V 60A Power Converters 720W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 28-50Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC36V to DC12V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD36S1260
Input rated voltage	36V DC
Input voltage range	28-50V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	12VDC
Output current	60Amps
Output rated power	720 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-down DC-DC Converters 48V to 12V Series

DC48V to DC12V 5A Power Converters 60W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S1205
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	5Amps
Output rated power	60 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC12V 10A Power Converters 120W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S1210
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	10 Amps
Output rated power	120 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC48V to DC12V 15A Power Converters 180W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD48S1215
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	15 Amps
Output rated power	180 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC48V to DC12V 20A Power Converters 240W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC12V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD48S1220
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	12VDC
Output current	20 Amps
Output rated power	240 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC48V to DC12V 30A Power Converters 360W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC12V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD48S1230
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	12VDC
Output current	30 Amps
Output rated power	360 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 120mV
No-load current	< 50mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC12V 50A Power Converters 600W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC12V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S1250
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	12VDC
Output current	50 Amps
Output rated power	600 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC48V to DC12V 60A Power Converters 720W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC12V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S1260
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	12VDC
Output current	60 Amps
Output rated power	720 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-down DC-DC Converters 48V to 13.8V Series

DC48V to DC13.8V 5A Power Converters 69W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC13.8V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S13.85
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	13.8VDC
Output current	5Amps
Output rated power	69 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC13.8V 10A Power Converters 138W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC13.8V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S13.810
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	13.8VDC
Output current	10Amps
Output rated power	138 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC13.8V 15A Power Converters 207W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC13.8V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S13.815
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	13.8VDC
Output current	15Amps
Output rated power	207 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC13.8V 20A Power Converters 276W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC13.8V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S13.820
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	13.8VDC
Output current	20Amps
Output rated power	276 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

IDEALPLUSING (IPS) Group

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DC48V to DC13.8V 30A Power Converters 414W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC13.8V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S13.830
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	13.8VDC
Output current	30Amps
Output rated power	414 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 120mV
No-load current	< 50mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC13.8V 50A Power Converters 690W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC13.8V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S13.850
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	13.8VDC
Output current	50Amps
Output rated power	690 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC48V to DC13.8V 60A Power Converters 828W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC13.8V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S13.860
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	13.8VDC
Output current	60Amps
Output rated power	828 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-down DC-DC Converters 48V to24V Series

DC48V to DC24V 3A Power Converters 72W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC24V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S2403
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	24VDC
Output current	3Amps
Output rated power	72 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC24V 5A Power Converters 120W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC24V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S2405
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	24VDC
Output current	5Amps
Output rated power	120 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC24V 10A Power Converters 240W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC24V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S2410
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	24VDC
Output current	10Amps
Output rated power	240 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC24V 20A Power Converters 480W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC24V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S2420
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	97% (half load) ; 95% (full load)
Output voltage	24VDC
Output current	20Amps
Output rated power	480 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<120mV
No-load current	< 50mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC24V 30A Power Converters 720W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC24V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S2430
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	24VDC
Output current	30Amps
Output rated power	720 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<120mV
No-load current	< 50mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	490g
G. Weight	520g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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Step-down DC-DC Converters 24V to 19V Series

DC24V to DC19V 5A Power Converters 95W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC19V step-down converter, efficiency up to 95%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S1905
Input rated voltage	24V DC
Input voltage range	20-36V DC
Efficiency	96% (half load) ; 95% (full load)
Output voltage	19VDC
Output current	5Amps
Output rated power	95 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 15mV
No-load current	< 10mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC24V to DC19V 8A Power Converters 152W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC19V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S1908
Input rated voltage	24V DC
Input voltage range	20-36V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	19VDC
Output current	8Amps
Output rated power	152 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*44*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC24V to DC19V 10A Power Converters 190W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-36Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC19V step-down converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S1910
Input rated voltage	24V DC
Input voltage range	20-36V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	19VDC
Output current	10Amps
Output rated power	190 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 50mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*44*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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Step-down DC-DC Converters 60V to 12V Series**DC60V to DC12V 5A Power Converters 60W****Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 40-75Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC60V to DC12V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD60S1205
Input rated voltage	60V DC
Input voltage range	40-75V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	12VDC
Output current	5 Amps
Output rated power	60 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*44*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC60V to DC12V 10A Power Converters 120W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 40-75Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC60V to DC12V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD60S1210
Input rated voltage	60V DC
Input voltage range	40-75V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	12VDC
Output current	10 Amps
Output rated power	120Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*44*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC60V to DC12V 15A Power Converters 180W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 40-75Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC60V to DC12V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD60S1215
Input rated voltage	60V DC
Input voltage range	40-75V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	12VDC
Output current	15 Amps
Output rated power	180 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	< 100mV
No-load current	<25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*44*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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Step-down DC-DC Converters 48V to 5V Series

DC48V to DC5V 10A Power Converters 50W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S0510
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	10 Amps
Output rated power	50Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC5V 15A Power Converters 75W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S0515
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	15 Amps
Output rated power	75 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC5V 20A Power Converters 100W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC5V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S0520
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	5VDC
Output current	20 Amps
Output rated power	100 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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Step-down DC-DC Converters 48V to 19V Series

DC48V to DC19V 5A Power Converters 95W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC19V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S1905
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	19VDC
Output current	5 Amps
Output rated power	95 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<50mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC19V 8A Power Converters 152W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC19V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S1908
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	19VDC
Output current	8 Amps
Output rated power	152 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC48V to DC19V 10A Power Converters 190W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 35-60Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC48V to DC19V step-down converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD48S1910
Input rated voltage	48V DC
Input voltage range	35-60V DC
Efficiency	96% (half load) ; 94% (full load)
Output voltage	19VDC
Output current	10 Amps
Output rated power	190 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<50mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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Step-down DC-DC Converters 60V to 24V Series

DC60V to DC24V 5A Power Converters 120W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 40-75Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC60V to DC24V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD60S2405
Input rated voltage	60V DC
Input voltage range	40-75V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	24VDC
Output current	5 Amps
Output rated power	120 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<100mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC60V to DC24V 10A Power Converters 240W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 40-75Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC60V to DC24V step-down converter, efficiency up to 92%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD60S2410
Input rated voltage	60V DC
Input voltage range	40-75V DC
Efficiency	94% (half load) ; 92% (full load)
Output voltage	24VDC
Output current	10 Amps
Output rated power	240 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<100mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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Step-up DC-DC Converters 12V to 24V Series

DC12V to DC24V 1A Power Converters 24W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 93%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2401
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	24VDC
Output current	1Amps
Output rated power	24Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC24V 2A Power Converters 48W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 93%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2402
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	24VDC
Output current	2Amps
Output rated power	48 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC24V 3A Power Converters 72W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 93%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2403
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	24VDC
Output current	3 Amps
Output rated power	72 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC24V 5A Power Converters 120W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S2405
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	24VDC
Output current	5 Amps
Output rated power	120 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°c ~ +80°c
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC24V 8A Power Converters 192W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S2408
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	24VDC
Output current	8 Amps
Output rated power	192 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC24V 10A Power Converters 240W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2410
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	24VDC
Output current	10 Amps
Output rated power	240 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC24V 15A Power Converters 360W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-23Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2415
Input rated voltage	12V DC
Input voltage range	10-23V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	24VDC
Output current	15 Amps
Output rated power	360Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC24V 20A Power Converters 480W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-23Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S2420
Input rated voltage	12V DC
Input voltage range	10-23V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	24VDC
Output current	20 Amps
Output rated power	480Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC24V 25A Power Converters 600W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-20Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2425
Input rated voltage	12V DC
Input voltage range	10-20V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	24VDC
Output current	25 Amps
Output rated power	600Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC12V to DC24V 30A Power Converters 720W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-20Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2430
Input rated voltage	12V DC
Input voltage range	10-20V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	24VDC
Output current	30 Amps
Output rated power	720Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC12V to DC24V 40A Power Converters 960W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-20Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC24V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal ope
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2440
Input rated voltage	12V DC
Input voltage range	10-20V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	24VDC
Output current	40 Amps
Output rated power	960Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<230mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	265*127*63mm
Package size	300*152*100mm
N. Weight	2.3kg
G. Weight	2.4kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-up DC-DC Converters 12V to 19V Series

DC12V to DC19V 5A Power Converters 95W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC19V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S1905
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	19VDC
Output current	5 Amps
Output rated power	95 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC19V 8A Power Converters 152W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC19V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S1908
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	19VDC
Output current	8 Amps
Output rated power	152 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC19V 10A Power Converters 190W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC19V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S1910
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	19VDC
Output current	10 Amps
Output rated power	190 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC19V 15A Power Converters 285W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-19Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC19V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S1915
Input rated voltage	12V DC
Input voltage range	10-16V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	19VDC
Output current	15 Amps
Output rated power	285 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC19V 20A Power Converters 380W

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-19Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC19V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S1920
Input rated voltage	12V DC
Input voltage range	10-19V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	19VDC
Output current	20 Amps
Output rated power	380 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 30mA
Working Temperature	-40°c ~ +80°c
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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Step-up DC-DC Converters 12V to 28V Series

DC12V to DC28V 3A Power Converters 84W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC28V step-up converter, efficiency up to 93%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2803
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	28VDC
Output current	3 Amps
Output rated power	84 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC28V 5A Power Converters 140W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC28V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S2805
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	28VDC
Output current	5 Amps
Output rated power	140 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC28V 8A Power Converters 224W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC28V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S2808
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	28VDC
Output current	8 Amps
Output rated power	224 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC28V 10A Power Converters 280W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC28V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S2810
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	28VDC
Output current	10 Amps
Output rated power	280Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	300g
G. Weight	310g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC28V 15A Power Converters 420W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC28V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2815
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	28VDC
Output current	15 Amps
Output rated power	420 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC28V 20A Power Converters 560W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC28V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2820
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	28VDC
Output current	20Amps
Output rated power	560 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing

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DC12V to DC28V 30A Power Converters 840W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC28V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S2830
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	28VDC
Output current	30Amps
Output rated power	840 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC12V to DC28V 40A Power Converters 1120W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC28V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S2840
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	28VDC
Output current	40Amps
Output rated power	1120 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<230mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	265*127*63mm
Package size	300*152*100mm
N. Weight	2.3Kg
G. Weight	2.4Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-up DC-DC Converters 12V to 36V Series

DC12V to DC36V 1A Power Converters 36W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 93%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S3601
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	36VDC
Output current	1 Amps
Output rated power	36Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	54*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



IDEALPLUSING (IPS) Group

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DC12V to DC36V 2A Power Converters 72W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 93%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S3602
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	36VDC
Output current	2 Amps
Output rated power	72 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°c ~ +80°c
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	54*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC36V 3A Power Converters 108W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S3603
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	36VDC
Output current	3Amps
Output rated power	108 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC36V 3A Power Converters 108W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S3603
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	36VDC
Output current	3Amps
Output rated power	108 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°c ~ +80°c
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC36V 5A Power Converters 180W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S3605
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	36VDC
Output current	5 Amps
Output rated power	180 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC36V 6A Power Converters 216W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S3606
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	36VDC
Output current	6 Amps
Output rated power	216 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC36V 10A Power Converters 360W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S3610
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	36VDC
Output current	10 Amps
Output rated power	360 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	<30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC36V 20A Power Converters 720W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S3620
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	36VDC
Output current	20 Amps
Output rated power	720 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	<30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC12V to DC36V 30A Power Converters 1080W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC36V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S3630
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	36VDC
Output current	30 Amps
Output rated power	1080 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<230mV
No-load current	<30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	265*127*63mm
Package size	300*152*100mm
N. Weight	2.3Kg
G. Weight	2.4kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-up DC-DC Converters 12V to 48V Series

DC12V to DC48V 1A Power Converters 48W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC48V step-up converter, efficiency up to 93%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S4801
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	48VDC
Output current	1 Amps
Output rated power	48 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC48V 2A Power Converters 96W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC48V step-up converter, efficiency up to 93%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S4802
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	48VDC
Output current	2 Amps
Output rated power	96 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC12V to DC48V 3A Power Converters 144W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-16Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC48V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S4803
Input rated voltage	12V DC
Input voltage range	9-16V DC
Efficiency	95% (half load) ; 93% (full load)
Output voltage	48VDC
Output current	3 Amps
Output rated power	144 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°c ~ +80°c
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC48V 8A Power Converters 384W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC48V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S4808
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	48VDC
Output current	8 Amps
Output rated power	384 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°c ~ +80°c
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC12V to DC48V 10A Power Converters 480W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC48V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S4810
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	48VDC
Output current	10 Amps
Output rated power	480 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing

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DC12V to DC48V 15A Power Converters 720W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC48V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD12S4815
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	48VDC
Output current	15 Amps
Output rated power	720 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC12V to DC48V 20A Power Converters 960W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 10-25Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC12V to DC48V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD12S4820
Input rated voltage	12V DC
Input voltage range	10-25V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	48VDC
Output current	20 Amps
Output rated power	960 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<230mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	265*127*63mm
Package size	300*152*100mm
N. Weight	2.3Kg
G. Weight	2.4Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-up DC-DC Converters 24V to 48V Series

DC24V to DC48V 3A Power Converters 144W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC48V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S4803
Input rated voltage	24V DC
Input voltage range	20-35V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	48VDC
Output current	3 Amps
Output rated power	144 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC48V 5A Power Converters 240W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC48V step-up converter, efficiency up to 94%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD24S4805
Input rated voltage	24V DC
Input voltage range	20-35V DC
Efficiency	95% (half load) ; 94% (full load)
Output voltage	48VDC
Output current	5 Amps
Output rated power	240 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC24V to DC48V 10A Power Converters 480W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC48V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S4810
Input rated voltage	24V DC
Input voltage range	20-35V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	48VDC
Output current	10 Amps
Output rated power	480 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	100*80*39mm
Package size	126*91*46mm
N. Weight	470g
G. Weight	500g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC24V to DC48V 20A Power Converters 960W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC48V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD24S4820
Input rated voltage	24V DC
Input voltage range	20-35V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	48VDC
Output current	20 Amps
Output rated power	960 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<180mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	180*127*63mm
Package size	230*152*100mm
N. Weight	1.55Kg
G. Weight	1.62Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC24V to DC48V 30A Power Converters 1440W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC48V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S4830
Input rated voltage	24V DC
Input voltage range	20-35V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	48VDC
Output current	30 Amps
Output rated power	1440 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	200mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	265*127*63mm
Package size	300*152*100mm
N. Weight	2.3Kg
G. Weight	2.4Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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DC24V to DC48V 40A Power Converters 1920W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 20-35Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC24V to DC48V step-up converter, efficiency up to 96%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD24S4840
Input rated voltage	24V DC
Input voltage range	20-35V DC
Efficiency	97% (half load) ; 96% (full load)
Output voltage	48VDC
Output current	40 Amps
Output rated power	1920 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	200mV
No-load current	< 30mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	265*127*63mm
Package size	300*152*100mm
N. Weight	2.3Kg
G. Weight	2.4Kg
Cooling way	Free air convection
Certifications	CE, RoHS
Others	Carton packing



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Step-up/down DC-DC Converters 8-40V to 12V Series

DC8-40V to DC12V 1A Power Converters 12W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC12V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD8-40S1201
Input rated voltage	9V/12V/24V/36V DC
Input voltage range	8-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	12VDC
Output current	1 Amps
Output rated power	12 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC8-40V to DC12V 2A Power Converters 24W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC12V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD8-40S1202
Input rated voltage	9V/12V/24V/36V DC
Input voltage range	8-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	12VDC
Output current	2 Amps
Output rated power	24 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC8-40V to DC12V 3A Power Converters 36W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC12V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD8-40S1203
Input rated voltage	9V/12V/24V/36V DC
Input voltage range	8-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	12VDC
Output current	3 Amps
Output rated power	36 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<200mV
No-load current	< 20mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC8-40V to DC12V 6A Power Converters 72W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC12V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD8-40S1206
Input rated voltage	9V/12V/24V/36V DC
Input voltage range	8-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	12VDC
Output current	6Amps
Output rated power	72 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC8-40V to DC12V 10A Power Converters 120W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC12V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD8-40S1210
Input rated voltage	9V/12V/24V/36V DC
Input voltage range	8-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	12VDC
Output current	10 Amps
Output rated power	120 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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Step-up/down DC-DC Converters 8-40V to13.8V Series

DC8-40V to DC13.8V 3A Power Converters 41W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC13.8V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD8-40S13.803
Input rated voltage	9V/12V/24V/36V DC
Input voltage range	8-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	13.8VDC
Output current	3 Amps
Output rated power	41 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC8-40V to DC13.8V 5A Power Converters 69W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC13.8V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Model	IPS-DTD8-40S13.805
Input rated voltage	9V/12V/24V/36V DC
Input voltage range	8-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	13.8VDC
Output current	5 Amps
Output rated power	69 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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DC8-40V to DC13.8V 10A Power Converters 138W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 8-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC8-40V to DC13.8V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Model	IPS-DTD8-40S13.810
Input rated voltage	9V/12V/24V/36V DC
Input voltage range	8-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	13.8VDC
Output current	10 Amps
Output rated power	138 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing



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Step-up/down DC-DC Converters 9-40V to24V Series

DC9-40V to DC24V 2A Power Converters 48W

Features

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC9-40V to DC24V step-up/down converter, efficiency up to 90%
6. **Certificates: CE/RoHS**
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.



Specifications

Model	IPS-DTD9-40S2402
Input rated voltage	12V/24V/36V DC
Input voltage range	9-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	24VDC
Output current	2Amps
Output rated power	48 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	57*64*22mm
Package size	89*72*30mm
N. Weight	125g
G. Weight	135g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing

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DC9-40V to DC24V 6A Power Converters 144W**Features**

1. 100% full power & stable current output
2. 100% Imported components
3. Wide input voltage from 9-40Vdc
4. 100% waterproof & anti-shock protection, Ultra compact size, light weight
5. Industry grade DC9-40V to DC24V step-up/down converter, efficiency up to 90%
6. Certificates: CE/RoHS
7. Waterproof level: IP68
8. Die-cast aluminum shell, epoxy potting, Cooling by free air convection,
9. Protections: Over-current, Over-voltage, Over-temperature,
10. Over-load and Short-circuit, Auto-recovery when device is back to normal operating
11. Non-Isolated Module
12. 1 year warranty, lifetime up to 100,000 hours.

**Specifications**

Model	IPS-DTD9-40S2406
Input rated voltage	12V/24V/36V DC
Input voltage range	9-40V DC
Efficiency	92% (half load) ; 90% (full load)
Output voltage	24VDC
Output current	6 Amps
Output rated power	144 Watts
Output peak power	125%
Voltage regulation	< 1%
Load regulation	< 2%
Ripple (full load test)	<150mV
No-load current	< 25mA
Working Temperature	-40°C ~ +80°C
Waterproof rating	IP 68
Protections	Over-load, Over-current, Over-temperature, Short-circuit, Over-voltage
Machine size	74*74*32mm
Package size	98*82*34mm
N. Weight	290g
G. Weight	300g
Cooling way	Free air convection
Certifications	CE, RoHS
Others	White box packing