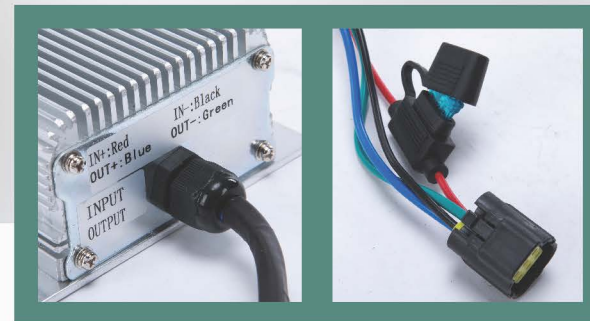


# DC-DC Power Converter



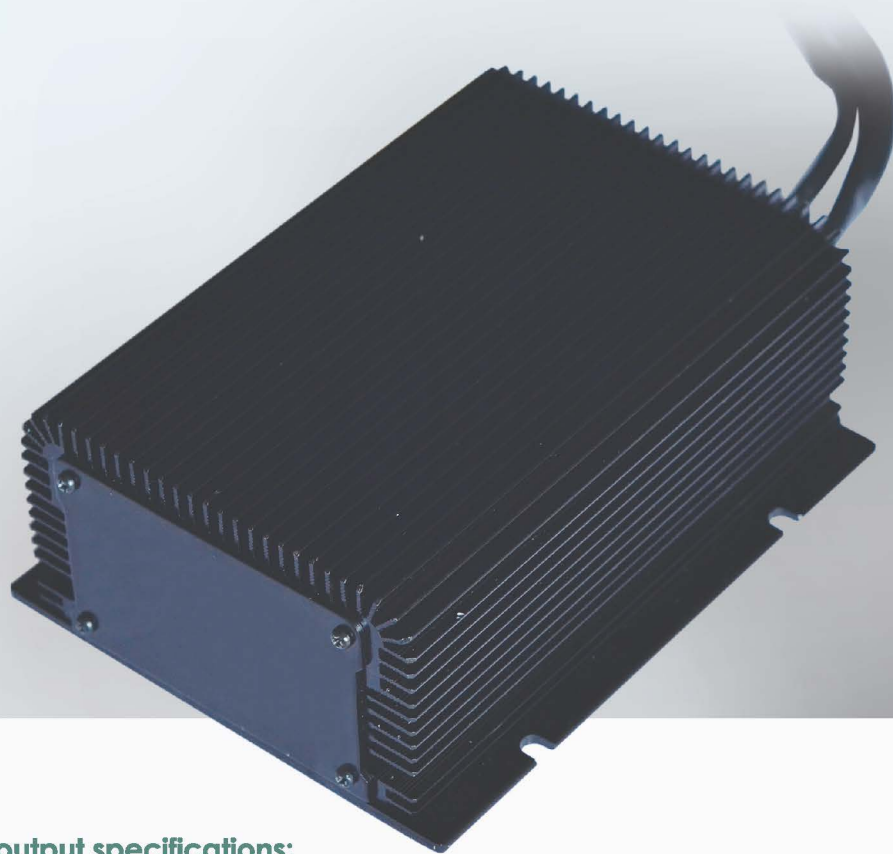
## Input/output specifications:

Model	Input rated voltage	Output voltage
DC-36V/12V	36V	12V
DC-48V/12V	48V	12V
DC-60V/12V	60V	12V
DC-72V/12V	72V	12V
DC-84V/12V	84V	12V

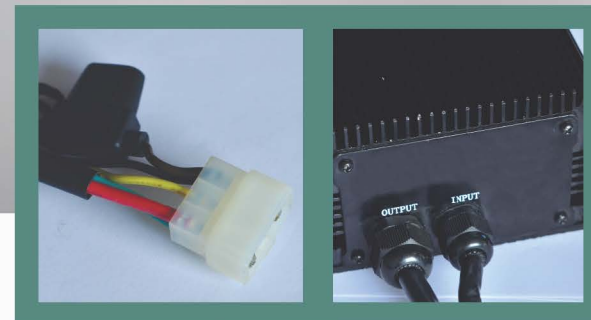
## Product features :

- High conversion efficiency, up to 94%, can reduce the heat sink and reduce the volume of radiator.
- Can be continuous heavy load operation, the maximum current can be output within 1 hour.
- Low static power consumption.
- Using soft-start technology, output voltage is stable.
- Output over current limit.
- Output short circuit protection, short time or long short circuit output, the converter is not damaged. After the fault is eliminated, it automatically returns to normal operation.
- Complete protection functions, including low voltage protection, output overvoltage protection, circuit failure protection, etc., to improve the reliability of the circuit.

Item	Parameter
Dimensions	Long * wide * high 144*118*53.5(mm)
Power nominal value	300W
Peak-pulse power	350W
Insulate	No
Current limit (1 h) @12V	25A
Nominal output current (continuous)	20A
Voltage regulation rate	≤1.5%
Ripple factor	≤1%
Maximal efficiency	92%
Output short circuit protection	Yes
Output allowed over voltage	Rated voltage*150%
Overheat protection	When the internal temperature exceeds 90, the output is closed, and it will automatically resume after the internal temperature is less than 60.
Operating temperature range	-40℃~+55℃
Mechanical shock and vibration resistance	Meet SAEJ1378 requirements



# DC-DC Power Converter



## Input/output specifications:

Model	Input rated voltage	Output voltage
DC-36V/12V	36V	12V
DC-48V/12V	48V	12V
DC-60V/12V	60V	12V
DC-72V/12V	72V	12V
DC-84V/12V	84V	12V

## Product features :

- High conversion efficiency, up to 88%, can reduce the heat sink and reduce the volume of radiator.
- Can be continuous heavy load operation, the maximum current can be output within 1 hour.
- Low static power consumption.
- Using soft-start technology, output voltage is stable.
- Output over current limit.
- Output short circuit protection, short time or long short circuit output, the converter is not damaged. After the fault is eliminated, it automatically returns to normal operation.
- Complete protection functions, including low voltage protection, output overvoltage protection, circuit failure protection, etc., to improve the reliability of the circuit.

Item	Parameter
Dimensions	Long * wide * high 166*140*72(mm)
Power nominal value	420W
Peak-pulse power	480W
Insulate	YES
Current limit (1 h) @12V	40A
Nominal output current (continuous)	35A
Voltage regulation rate	≤1.5%
Ripple factor	≤1%
Maximal efficiency	88%
Output short circuit protection	Yes
Output allowed over voltage	Rated voltage*150%
Overheat protection	When the internal temperature exceeds 90, the output is closed, and it will automatically resume after the internal temperature is less than 60.
Operating temperature range	-40℃~+55℃
Mechanical shock and vibration resistance	Meet SAEJ1378 requirements

# LET'S GROW TOGETHER



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