

Converter DC/DC Boost 12V to 48V 20A

Model: RC12S48



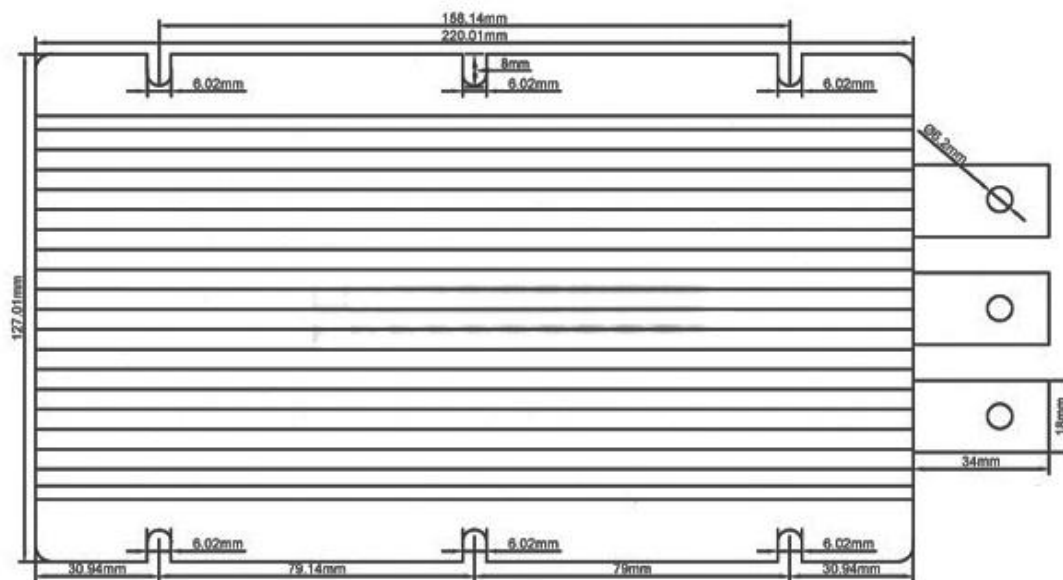
Features:

- Non-isolated DC-DC regulated power supply module
- 100% full power, high stability output
- The product adopts high-quality thermally conductive silicone potting, which is easy and convenient to install.
- Cooling by free air convection
- IP68, dustproof, and moisture-proof
- Wide voltage input, internal protection function such as over temperature, overload, over voltage, etc.

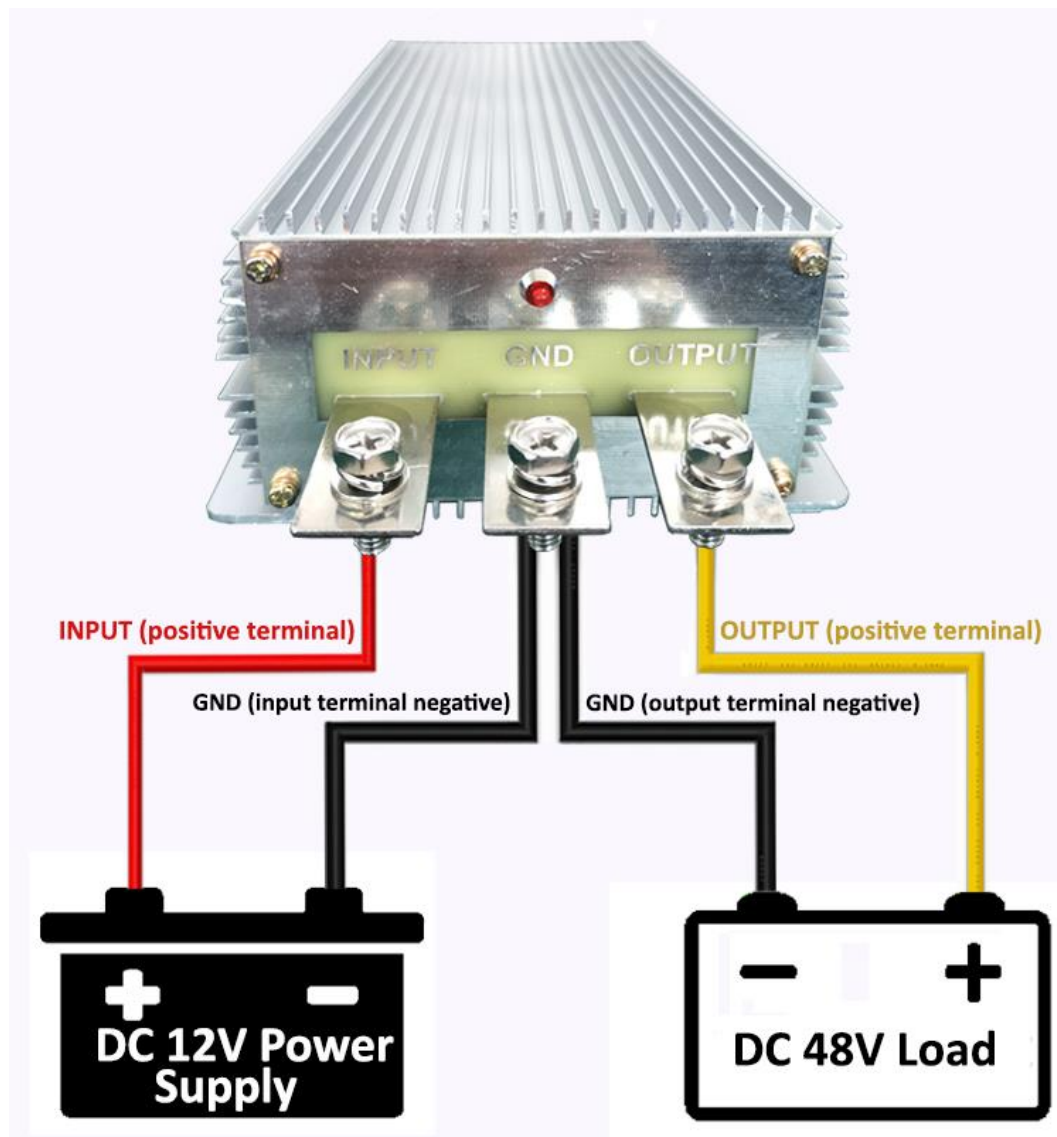
Specifications:

- Input rated voltage: DC 12V
- Input voltage range: 10V-25V
- Conversion efficiency: 96%
- Output voltage: DC 48V
- Output current: 20A
- Output Power: 960W
- Voltage regulation: 1%
- Load Regulation: 2%
- No-load current: $\leq 70\text{mA}$
- Operating temperature: $-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$
- Waterproof level: IP68
- Dimensions: 220*127*63mm
- Net weight: 2.3Kg
- Installation line length: Terminal wiring

Product Plane Size Drawing:



Wiring Diagram:



Made in China