

FEATURES

- DC-AC power inverter
- Chassis mounting
- Pure sine wave
- One output connection
- Single-phase electrical output
- Input voltage of 48 V
- Output voltage of 230 V
- Universal output connection type
- Efficiency rating over 90%
- Mean time between failures of 50,000 h
- Output current of 26.9 A
- Maximum input of 125 A
- Length of 488 mm
- Width of 230 mm
- Depth of 107.7 mm

3000W Fixed Installation DC-AC Power Inverter, 48V / 230V

RS Stock No.: 179-3342



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS PRO fixed installation DC-AC power adapter converts direct current (DC) to alternating current (AC) to run numerous electrical appliances. It outputs 3000 W of power as a pure sine wave, which many electrical products are designed to work best with.

General Specifications

| | |
|--------------------------------|--|
| Inverter Directionality | DC to AC |
| Output Connection Type | Universal |
| Mounting Type | Chassis Mount |
| MTBF | 50000h |
| Applications | Home appliance, Power tools, Office and Portable equipment |

Electrical Specifications

| Output Specifications | |
|------------------------------------|----------------|
| AC Voltage | 230V |
| Rated Power | 3000W |
| Peak Power | 3100W |
| Surge Power | 6000 W |
| Current | 26.9A |
| Waveform | Pure Sine Wave |
| Frequency Range | 50Hz |
| Number of Output Connection | 2 |
| Output Electrical Phase | 1 |
| Efficiency | >90% |

| Input Specifications | |
|---------------------------|------|
| DC Voltage | 48V |
| Maximum DC Current | 125A |

Mechanical Specifications

| | |
|------------------|-------------------------|
| Dimension | 488mm x 230mm x 107.7mm |
| Length | 488mm |
| Width | 230mm |
| Depth | 107.7mm |
| Weight | 7.7kg |

Operation Environment Specifications

| | |
|------------------------------------|--------------------|
| Cooling | Natural convection |
| Operating Temperature Range | -20°C to +50°C |

Approvals

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|----------------------------------|---|
| Compliance/Certifications | CE, ECE R10.05:2014, EN 60950-1, EN 61000-6-1, EN 61000-6-3, RoHS |
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