

FEATURES

- DC-AC power inverter
- Chassis mounting
- Pure sine wave
- One output connection
- Single-phase electrical output
- Input voltage of 12 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 500 A
- Length of 488 mm
- Width of 230 mm
- Depth of 107.7 mm

3000W Fixed Installation DC-AC Power Inverter, 12V / 230V

RS Stock No.: 179-3340



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	12V
Maximum DC Current	500A

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

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