

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 13.4 A
- Maximum input of 250 A
- Length of 372 mm
- Width of 230 mm
- Depth of 107.7 mm

1500W Fixed Installation DC-AC Power Inverter, 12V / 230V

RS Stock No.: 179-3333



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

This fixed installation DC to AC power inverter from RS PRO is a compact electrical device that can be fitted onto car batteries and used to charge appliances. Blenders, laptops and other devices that plug into wall outlets run on alternating current (AC), while car batteries generally produce direct current (DC). So if you need to charge devices on the road or from a mobile home, DC to AC power inverters are just the thing.

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	1500W
Peak Power	1600W
Surge Power	3000 W
Current	13.4A
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	250A

Mechanical Specifications

Dimension	372mm x 230mm x 107.7mm
Length	372mm
Width	230mm
Depth	107.7mm
Weight	4.7kg

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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