

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 8.7 A
- Maximum input of 166.7 A
- Length of 302.2 mm
- Width of 150 mm
- Depth of 97.4 mm

1000W Fixed Installation DC-AC Power Inverter, 12V / 230V

RS Stock No.: 179-3330



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 1000 W fixed installation DC to AC power inverter from the RS PRO range is an electrical device that can be fitted to car batteries and used to charge a wide range of appliances. Car batteries and small-scale power generators often produce direct current (DC), which is incompatible with most gadgets. If you're looking to power a laptop, a curling iron or a toaster from a car or mobile home, you'll need a DC to AC power inverter to do so.

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	1000W
Peak Power	1100W
Surge Power	2000 W
Current	8.7A
Waveform	Pure Sine Wave
Frequency Range	50Hz
Number of Output Connection	1
Output Electrical Phase	1
Efficiency	>90%

Input Specifications	
DC Voltage	12V
Maximum DC Current	166.7A

Mechanical Specifications

Dimension	302.2mm x 150mm x 97.4mm
Length	302.2mm
Width	150mm
Depth	97.4mm
Weight	3kg

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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