

## 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

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

## Electrical Specifications

Output Specifications	
<b>AC Voltage</b>	230V
<b>Rated Power</b>	1000W
<b>Peak Power</b>	1100W
<b>Surge Power</b>	2000 W
<b>Current</b>	8.7A
<b>Waveform</b>	Pure Sine Wave
<b>Frequency Range</b>	50Hz
<b>Number of Output Connection</b>	1
<b>Output Electrical Phase</b>	1
<b>Efficiency</b>	>90%

Input Specifications	
<b>DC Voltage</b>	12V
<b>Maximum DC Current</b>	166.7A

## Mechanical Specifications

<b>Dimension</b>	302.2mm x 150mm x 97.4mm
<b>Length</b>	302.2mm
<b>Width</b>	150mm
<b>Depth</b>	97.4mm
<b>Weight</b>	3kg

## Operation Environment Specifications

<b>Cooling</b>	Natural convection
<b>Operating Temperature Range</b>	-20°C to +50°C

## Approvals

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