

## 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 2.61 A
- Maximum input of 50 A
- Length of 204.2 mm
- Width of 150 mm
- Depth of 58 mm

## 300W Fixed Installation DC-AC Power Inverter, 12V / 230V

RS Stock No.: 179-3325



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

Part of our trusted RS PRO range, this 300 W fixed installation DC to AC power inverter is a compact electrical device that can be coupled with a car battery and used to charge appliances. Devices that plug into wall sockets run on alternating current (AC). The other electrical current is direct current (DC), which most car batteries generate. If you need to power your devices on the road, a DC to AC power inverter like this one can be used to bridge the gap.

## 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>	300W
<b>Peak Power</b>	350W
<b>Surge Power</b>	600 W
<b>Current</b>	2.61A
<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>	50A

## Mechanical Specifications

<b>Dimension</b>	204.2mm x 150mm x 58mm
<b>Length</b>	204.2mm
<b>Width</b>	150mm
<b>Depth</b>	58mm
<b>Weight</b>	1.4kg

## 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
----------------------------------	---



