

## FEATURES

- DC-AC power inverter
- Chassis mounting
- Pure sine wave
- One output connection
- Single-phase electrical output
- Input voltage of 24 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 25 A
- Length of 204.2 mm
- Width of 150 mm
- Depth of 58 mm

## 300W Fixed Installation DC-AC Power Inverter, 24V / 230V

RS Stock No.: 179-3326



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 compact 300 W DC to AC power inverter from RS PRO is designed to be connected to a car battery for the charging of appliances on-the-go or in emergencies. It converts DC (direct current) voltage to alternating current (AC), which is how mains electricity is supplied in homes and other buildings. Car batteries produce DC voltage, which is incompatible with most household appliances.

## 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>	24V
<b>Maximum DC Current</b>	25A

## Mechanical Specifications

Dimension	204.2mm x 150mm x 58mm
Length	204.2mm
Width	150mm
Depth	58mm
Weight	1.4kg

## 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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