

## 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 26.9 A
- Maximum input of 250 A
- Length of 488 mm
- Width of 230 mm
- Depth of 107.7 mm

## 3000W Fixed Installation DC-AC Power Inverter, 24V / 230V

RS Stock No.: 179-3341



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

The RS PRO fixed installation DC-AC power adapter converts direct current (DC) to alternating current (AC) to run numerous electrical appliances. It outputs 3000 W of power as a pure sine wave, which many electrical products are designed to work best with.

## 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>	3000W
<b>Peak Power</b>	3100W
<b>Surge Power</b>	6000 W
<b>Current</b>	26.9A
<b>Waveform</b>	Pure Sine Wave
<b>Frequency Range</b>	50Hz
<b>Number of Output Connection</b>	2
<b>Output Electrical Phase</b>	1
<b>Efficiency</b>	>90%

Input Specifications	
<b>DC Voltage</b>	24V
<b>Maximum DC Current</b>	250A

## Mechanical Specifications

<b>Dimension</b>	488mm x 230mm x 107.7mm
<b>Length</b>	488mm
<b>Width</b>	230mm
<b>Depth</b>	107.7mm
<b>Weight</b>	7.7kg

## 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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