FEATURES

- **DC-AC power inverter**

- **Chassis mounting**

- **Pure sine wave**

- **One output connection**

- **Single-phase electrical output**

- **Input voltage of 48 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 5.22 A**

- **Maximum input of 25 A**

- **Length of 249.2 mm**

- **Width of 150 mm**

- **Depth of 77.7 mm**

600W Fixed Installation DC-AC Power Inverter, 48V / 230V

RS Stock No.: 179-3329

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

If you need to convert direct current (DC) to alternating current (AC) to power an appliance, this fixed installation DC-AC power adapter from RS PRO is a practical choice. It can output 600 W of power as a pure sine wave, making it well-suited for use with all kinds of electrical products, including uninterruptible power supplies and refrigeration compressors.

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	600W
Peak Power	650W
Surge Power	1200 W
Current	5.22A
Waveform	Pure Sine Wave
Frequency Range	50Hz
Number of Output Connection	1
Output Electrical Phase	1
Efficiency	>90%

Input Specifications	
DC Voltage	48V
Maximum DC Current	25A

Mechanical Specifications

Dimension	249.2mm x 150mm x 77.7mm
Length	249.2mm
Width	150mm
Depth	77.7mm
Weight	2kg

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