FEATURES

- **Universal AC input**

- **Fully regulated output**

- **Overvoltage and short circuit protected**

- **High-efficiency**

- **LED power good indicator**

- **AC input fuse**

- **Operating temperature ranges between 0°C and 40°C**

RS PRO 24V Power Supply, 5A, C14 Connector

RS Stock No.: 175-3290

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.

Desktop Power Supplies

Product Description

The RS PRO is a 12VDC power supply is a 60W AC/DC switch-mode power desktop AC adapter from RS PRO technologies. This range of switch-mode power supply provides 20W of continuous output power in a high-quality compact enclosure suitable for many general power applications. It has an input frequency of 50-60Hz. While the input voltage range is 100-240VAC (wide range), its maximum input current is 50mA. It gives an efficiency of 88%. It gives fully regulated output and most importantly, is short circuit protected. It is a reliable product with high MTBF. The plug type is C14 connector. Thermal protection is of latching type. The desktop power supply overall cable length is 118mm. It has low power consumption, less than 0.10W.

General Specifications

Input Connector	IEC 320-C14
Input Plug type	C14
Output Connection Type	R/A 2.1
Number of Outputs	1
Energy Efficiency Level	VI
Application	It is used in information technology equipment (ITE) commercial, A desktop power supply is a PSU specifically designed to be used by small items or applications, like laptops and CCTV cameras, Networking and peripherals, Gaming machines

Electrical Specifications

Input Specifications	
Rated Input Voltage	100 to 240V
Full Input Voltage Range	100 to 240V ac
Rated Frequency	50/60Hz
Full Frequency Range	47/63Hz
Efficiency	88%
Input Current (RMS Max.)	1.6A Max.
Inrush Current	80A Max. at 230VAC cold start
Leakage Current (max.)	<3.5mA

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Output Specification	
Output Voltage Rating	24 V
Output Current Range	5A
Rated output Power	120W
Ripple & Noise (max.)	240mVp-p
Line Regulation	±5%
Load Regulation	±5%
No Load Power Consumption	<0.1W
Overload Protection	I out 170% Max.
Over Voltage Protection	V out 150% Max.
Short Circuit Protection	Automatic recovery after short circuit fault being removed

Mechanical Specifications

Housing Material	Fully Enclosed Plastic Case
Overall Dimensions	168mm x 66mm x 39mm
Overall Length	168mm
Overall Depth	39mm
Overall Width	66mm
Weight	620g

Operation Environment Specifications

Operating Humidity	10% to 90%
Cooling	Natural convection
Operating Temperature Range	-0°C to 40°C
Storage Temperature Range	-10°C to 80°C

Approvals

Safety Standard	CUL / UL / GS / PSE / BSMI / RCM / CCC
EMC Emission	FCC Class B, CE