

## FEATURES

- Universal AC input
- Fully regulated output
- Overcurrent, overvoltage and short circuit protection
- High-efficiency
- High MTBF
- Limited power source

## RS PRO 24V dc Power Supply, 24W, 1A, C14 Connector

RS Stock No.: 175-3273



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 is a 24V power supply AC/DC switch-mode power desktop AC adapter. This range of switch-mode power supply provides 24W of continuous output power in a high-quality compact enclosure suitable for many general power applications. It has an input frequency of 47-63Hz. While the input voltage range is 90-264VAC (wide range), its maximum input current is 600mA. 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 overall cable length of this desktop power supply is 80.6mm. It has low power consumption, less than 0.10W.

## General Specifications

<b>Input Connector</b>	IEC 320-C14
<b>Input Plug Type</b>	C14
<b>Number of Outputs</b>	1
<b>Energy Efficiency Level</b>	VI
<b>Medical Approved</b>	No
<b>Applications</b>	Laptops and CCTV cameras, Networking and peripherals, Gaming machines

## Electrical Specifications

Input Specifications	
<b>Full Input Voltage Range</b>	90VAC – 264VAC
<b>Full Frequency Range</b>	47Hz to 63Hz
<b>Efficiency</b>	86.8%
<b>Input Current (RMS Max.)</b>	600mA
<b>Inrush Current</b>	No Damage
<b>Leakage Current (max.)</b>	<3.5mA

Output Specification	
Ripple & Noise (max.)	150mVp-p
Overload Protection	<=2A protection load
Over Voltage Protection	<=35V
Short Circuit Protection	Yes

## Mechanical Specifications

Overall Dimensions	80.6mm x 31mm x 50mm
Overall Length	80.6mm
Overall Depth	31mm
Overall Width	50mm
Weight	130g

## Operation Environment Specifications

Operating Humidity	20% to 80%
Operating Temperature Range	0°C to 40°C
Storage Temperature Range	-10°C to 70°C

## Approvals

Safety Standard	UL,CUL,FCC,GS,RCM,CE
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