

## FEATURES

- Universal input voltage of 90Vac to 264Vac
- 12V dc output voltage
- 12W power rating
- Two-pin EuroPlug style casing
- Lightweight and portable with a low profile, compact design of 56mm x 27mm x 73mm
- 1.5m cable length
- 2.1mm x 5.5mm x 10mm centre positive DC connector
- Class II double insulation
- Low standby power consumption of just 0.075 W

## RS PRO, 12W AC DC Adapter 12V dc, 1A, Level VI Efficiency, 1 Output Switched Mode Power Supply, Type C

RS Stock No.: 124-2190



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 ATTRIBUTE 1**

From RS Pro a plug-in AC-DC power adapter with a low profile compact design for converting AC mains current into DC voltage for a wide range of DC applications. This AC adapter has a 2-pin EuroPlug style enclosure and is terminated with a DC cable with a 2.1 x 5.5 x 10 mm DC connector.

**General Specifications**

<b>Type</b>	Switched Mode Power Supply
<b>Plug Type</b>	Type C
<b>Output Connector</b>	2.1 x 5.5 x 10 mm Centre Positive
<b>Input Connector</b>	EU Plug
<b>Number Of Outputs</b>	1
<b>Efficiency</b>	DOE VI / CoC V5 tier 2
<b>Energy Efficiency Level</b>	VI
<b>Applications</b>	Single board computers, Wireless communications, Peripheral equipment, Networking equipment, Portable equipment, Tablets and Laptops, Smartphones, Telecommunications equipment
<b>Safety Requirements</b>	TÜV/GSEN60950- 1:2006+A11(2009)+A1(2010)+

### Electrical Specifications

<b>Output Voltage</b>	12V
<b>Input Voltage</b>	100V ac, 110V ac, 115V ac, 120Vac, 127V ac, 220Vac, 230V ac, 240V ac
<b>Output Current</b>	1A
<b>Power Rating</b>	12W
<b>Overcurrent Protection</b>	Continuous, auto restart
<b>Overvoltage Protection</b>	Typ. 120%
<b>Input Frequency</b>	47...63Hz
<b>Hold-up time, nom. conditions</b>	20ms at 230VAC
<b>Inrush Current</b>	<30A/230VAC
<b>No Load Power Consumption</b>	<0.075W
<b>Recovery Time <math>\pm 2\%</math></b>	Max. 1ms
<b>Ripple and Noise</b>	Max. 100mV pp
<b>Short Circuit</b>	Yes
<b>Standby Power</b>	$\leq 0.075w$

### Mechanical Specifications

<b>Cable Length</b>	1.5m
<b>Width</b>	17.25mm
<b>Length</b>	35.68mm
<b>Depth</b>	34.43mm
<b>Humidity</b>	10...90% RH
<b>Weight</b>	72g

### Operation Environment Specifications

<b>Maximum Temperature</b>	40°C
<b>Minimum Temperature</b>	-10°C

## Approvals

<b>Compliance/Certifications</b>	CE , RoHS
<b>Standards Met</b>	CE, EN 55013, EN 55014-1, EN 55014-2, EN 55020, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, EU CoC V5, TUV/GS EN 60950-1, UL 60065



# Technical Drawing:

