

FEATURES

- Universal input voltage of 90 Vac to 264Vac
- 12V dc output voltage
- 24W power rating
- Two-pin Europlug style casing
- Lightweight and portable with a low profile, compact design of 69mm x 41mm x 65 mm
- 1.5m cable length
- 2.1mm x 5.5mm x 10 mm center positive DC connector
- Class II double insulation - the DC output wires are isolated from the AC input.
- Low standby power consumption of just 0.075W
- Overload and short circuit protection

RS PRO, 24W AC DC Adapter 12V dc, 2A, Level VI Efficiency, 1 Output Switched Mode Power Supply, Type C

RS Stock No.: 124-2205



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

Type	Switched Mode Power Supply
Plug Type	Type C
Output Connector	2.1mm x 5.5 x 10mm Centre Positive
Input Connector	EU Plug
Number Of Outputs	1
Efficiency	DOE VI / CoC V5 tier 2
Energy Efficiency Level	VI
Applications	Single board computers, Wireless communications, Peripheral equipment, Networking equipment, Portable equipment, Tablets and Laptops, Smartphones, Telecommunications equipment
Safety Requirements	TÜV/GS EN60950- 1:2006+A11(2009)+A1(2010)+

Electrical Specifications

Output Voltage	12V dc
Input Voltage	100V ac, 110V ac, 115V ac, 120Vac, 127V ac, 220Vac, 230V ac, 240V ac
Output Current	2A
Power Rating	24W
Dielectric Withstand	3000Vac 1min 5mA input.<->output
Leakage Current	0.25mA max.@240 VAC
Overcurrent Protection	Continuous, auto restart
Overvoltage Protection	Typ. 120%
Input Frequency	47...63Hz
Hold-up time, nom. conditions	20ms at 230VAC
Inrush Current	<30A/230VAC
No Load Power Consumption	<0.075W
Recovery Time $\pm 2\%$	Max. 1ms
Ripple and Noise	Max. 100mV pp
Short Circuit	Yes
Standby Power	$\leq 0.075w$

Mechanical Specifications

Cable Length	1.5m
Width	41.4mm
Length	69.3mm
Depth	46mm
Humidity	10...90% RH
Weight	110g

Operation Environment Specifications

Maximum Temperature	40°C
Minimum Temperature	-10°C

Approvals

Compliance/Certifications	CE, RoHS
Standards Met	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:

