

FEATURES

- Linear plug-in power supply
- Type C plug
- MTBF of 50 kh
- Power signal conversion type of AC-AC
- Load regulation of $\pm 5\%$
- Output current of 700mA
- Cable length of 1.8 m
- One output
- Output voltage of 12VAC
- Not medically approved
- Power rating of 9 W
- Line regulation of $\pm 1\%$
- Input voltage of 230 V AC, 240 V AC
- Input frequency of 50Hz to 60Hz
- EU plug input connector

RS PRO, 9W Plug In Power Supply 12V ac, 700mA, 1 Output Linear Power Supply, Type C

RS Stock No.: 139-1770



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 wall-mount adaptor is a highly reliable plug-in power supply approved for medical applications. In cases where power is needed quickly, this adaptor is light and easy to connect.

The plug has a universal adaptor and meets the required global safety standards. It's fitted with an LED indicator that show when it's on and alert you if a power fault has occurred. It also has a flammability rating of UL94V-0, with fire resistance certified by Underwriters Laboratories, a worldwide safety certification company. The unit features a thermal shutdown capability, protecting it from damage if overheating occurs, and includes short-circuit, overload and over-voltage protection. It has a high MTBF (mean time between failure) and offers a long service life.

General Specifications

Type	Linear Power Supply
Plug Type	Type C
Output Connector	2.1 x 5.5 x 12 mm
Input Connector	EU Plug
Number Of Outputs	1
Regulated/Unregulated	Regulated
Medical Approved	No
Applications	This adapter has a range of application use such as: Point of sale; Wireless communications; Peripherals; Networking; Telecommunication equipment

Electrical Specifications

Output Voltage	12VAC
Input Voltage	230VAC, 240VAC
Output Current	700mA
Power Rating	9VA
Load Regulation	±5%
Leakage Current	0.25mA max. at 264VAC, 50Hz
Input Frequency	50Hz to 60Hz
MTBF	50,000 hours (25 C)
Line Regulation	±1%
Load Regulation	±5%

Mechanical Specifications

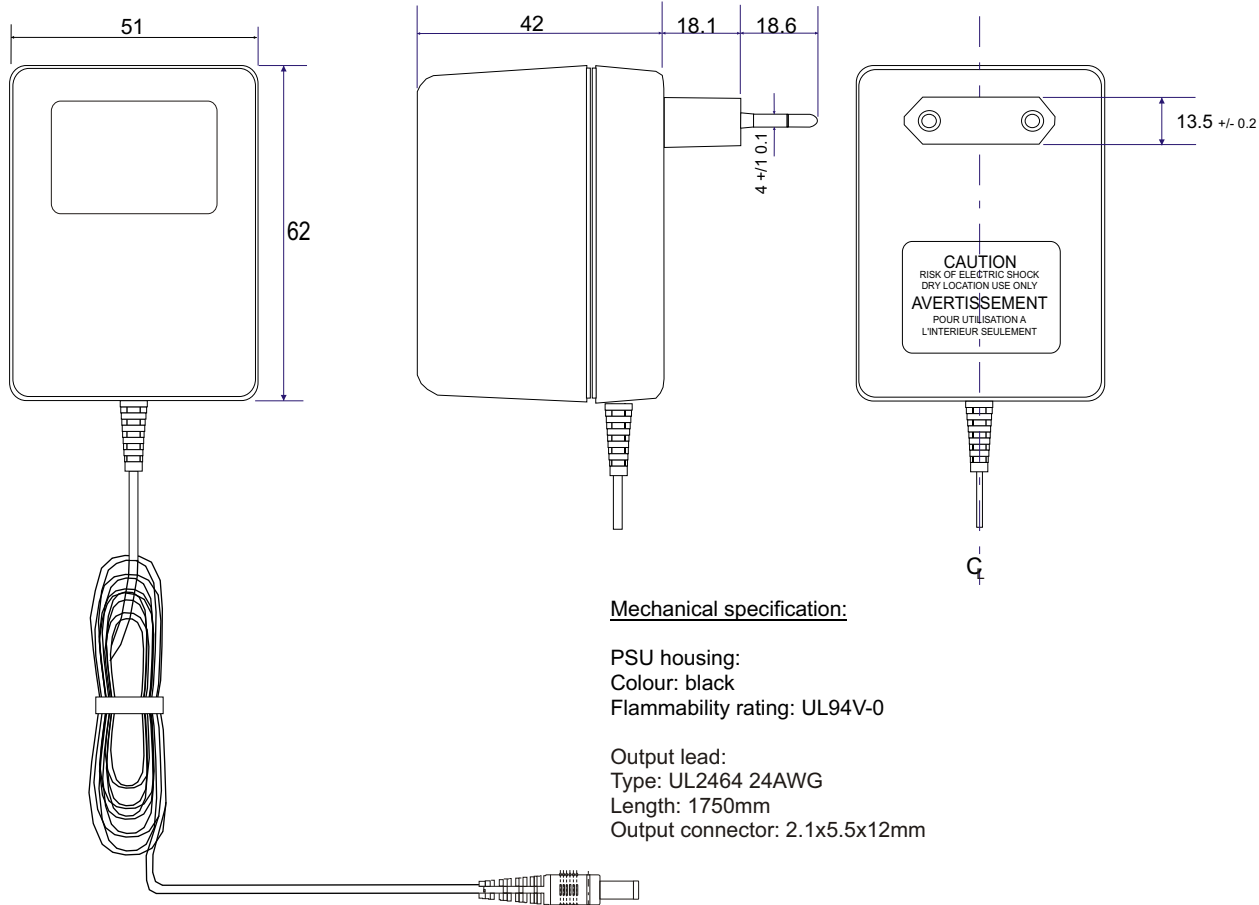
Cable Length	1.8m
Width	51mm
Length	62mm
Depth	42mm

Operation Environment Specifications

Maximum Temperature	-20°C
Minimum Temperature	+40°C
Storage Temperature Range	-20°C to +85°C
Humidity	30% - 85% R.H.

Approvals

Standards Met	CB (TUV-SUD) +LVD:IEC/EN6060, RoHS Compliant,
Safety Requirements	EN61558, IEC61000-4-2/ESD, IEC61000-4-3, IEC61000-4-4/EFT, IEC61000-4-5/SURGE, IEC61000-4-6/CS



Mechanical specification:

PSU housing:
Colour: black
Flammability rating: UL94V-0

Output lead:
Type: UL2464 24AWG
Length: 1750mm
Output connector: 2.1x5.5x12mm

Safety specification:

Primary circuit protected by 125°C, 2A single shot thermal fuse
Case temperature: 65°C maximum at full load in an ambient of 25°C +/-3°C
MTBF: 50,000 hours (25°C)
Insulation class system: B (130°C)
Operating temperature range: -20°C to +40°C
Storage temperature range: -20°C to +85°C
Operating humidity range: 30% - 85% R.H.

Adaptor meets the following safety approvals:

EN61558
IEC61000-4-2/ESD
IEC61000-4-3
IEC61000-4-4/EFT
IEC61000-4-5/SURGE
IEC61000-4-6/CS

Electrical specification @ 230V, 50Hz:

Input: 230/240V, 50/60Hz
Maximum no load primary current: 40mA
Input current under full load: 67mA

Hi-pot, primary to secondary: 3.75kVRMS for 60 seconds
Leakage current: 0.25mA max. @ 264VAC, 50Hz
Insulation breakdown, primary to secondary @ 500VDC: 100M ohms
Induced voltage: primary will withstand 440VAC, 400Hz for 15 seconds (secondary disconnected)