

FEATURES

- Universal input voltage of 90Vac to 264Vac
- 12V dc output voltage
- 20W power rating
- ErP Level V Compliant
- Interchangeable AC mains plugs for use in UK, Europe, USA and Australia
- 1.5m cable length
- 2.1mm x 5.5mm x 9.5mm DC connector
- Over voltage, over current and short circuit protection

RS PRO, 20W AC DC Adapter 12V dc, 1.66A, Level V Efficiency, 1 Output, Australia/China, European Plug, UK, US/Japan

RS Stock No.: 731-6024



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 high quality and versatile plug-in AC-DC adapter for converting AC mains current into DC voltage for a wide range of DC applications. The AC adapter is supplied with interchangeable AC mains plugs for use in the UK, Australia, China, Europe, US and Japan. This AC adapter conforms to the Energy-related Product Directive 2009/125/EC and is ErP Level V compliant

General Specifications

Type	AC DC Adapter
Plug Type	Australia/China, European Plug, UK, US/Japan
Output Connector	2.5mm x 5.5mm x 9.5mm Centre Positive
Input Connector	Universal Plug
Number Of Outputs	1
Efficiency	81% max.
Energy Efficiency Level	V
Applications	Computer peripherals, Networking equipment, Portable equipment, Tablets and Laptops, Smartphones, Instrumentation, Telecommunications equipment
Safety Requirements	UL60950-1, EN60950-1, CE

Electrical Specifications

Output Voltage	12V dc
Input Voltage	100V ac, 110V ac, 115V ac, 120Vac, 127V ac, 220Vac, 230V ac, 240V ac
Output Current	1.66A
Power Rating	20W
Load Regulation	±5%
Input Frequency	47Hz to 63Hz
Hold-up time, nom. conditions	≥8.3mS
Inrush Current	60A at 230VAC
Ripple and Noise	2%
MTBF	>30,000 hours
Line Regulation	+/-1%
Load Regulation	+/-5%
Short Circuit	Yes

Mechanical Specifications

Cable Length	1.5m
Width	45mm
Length	98mm
Depth	33.5mm
Humidity	5 % to 95%
Weight	220g

Operation Environment Specifications

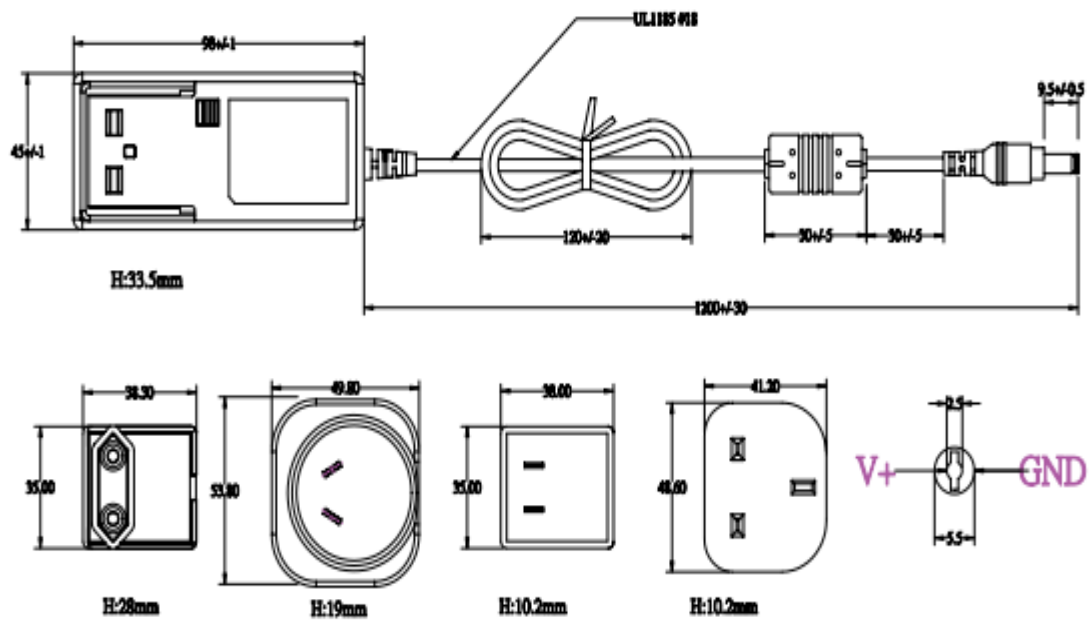
Maximum Temperature	40°C
Minimum Temperature	0°C

Approvals

Standards Met	ErP Compliant
Compliance/Certifications	MTBF to MIL-STD-781C, EN 60950-1, UL 60950-1, UL



Mechanical Specification



- Case Size: 98Lx45Wx31H (mm)
- AC Inlet: Interchangeable
- Weight: 220g