

FEATURES

- Universal input voltage of 90Vac to 264Vac
- 24V dc output voltage
- 36 W 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, 36W AC DC Adapter 24V dc, 1.5A, Level V Efficiency, 1 Output, Type C

RS Stock No.: 731-6065



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	Over voltage and over current protection
Plug Type	Type C
Output Connector	2.5 x 5.5 x 9.5 mm Centre Positive
Input Connector	EU Plug
Number Of Outputs	1
Efficiency	84% typ
Energy Efficiency Level	V
Applications	Computer peripherals, Networking equipment, Portable equipment, Tablets and Laptops, Smartphones, Instrumentation, Telecommunications equipment

Electrical Specifications

Output Voltage	24V dc
Input Voltage	100 V ac, 110 V ac, 115 V ac, 120 V ac, 127 V ac, 220 V ac, 230 V ac, 240 V ac
Output Current	1.5A
Power Rating	36W
Load Regulation	±5%
Input Frequency	50Hz to 60Hz
Hold-up time, nom. conditions	≥8.3mS
Inrush Current	60A at 230VAC
Ripple and Noise	20MHz
MTBF	>30,000-50,000 hours
Turn On Delay	3s
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% RH
Weight	220g

Operation Environment Specifications

Maximum Temperature	40°C
Minimum Temperature	0°C

Approvals

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



RS STOCK NO.	MODEL OUTPUT	VOLTAGE (Vo)	MAX. LOAD (Lo)	POWER (Watts)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
731-6056	EA1030R(M02)	12V	2.5A	30W	+/- 5%	+/- 1%	1.3%
731-6052	EA1030DR(M02)	24V	1.25A	30W	+/- 5%	+/- 1%	1%
731-6068	EA1036R(M03)	12V	3A	36W	+/- 5%	+/- 1%	1.3%
731-6065	EA1036DR(M01)	24V	1.5A	36W	+/- 5%	+/- 1%	1%

Mechanical Specification

