

## 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

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

### Electrical Specifications

<b>Output Voltage</b>	24V dc
<b>Input Voltage</b>	100 V ac, 110 V ac, 115 V ac, 120 V ac, 127 V ac, 220 V ac, 230 V ac, 240 V ac
<b>Output Current</b>	1.5A
<b>Power Rating</b>	36W
<b>Load Regulation</b>	±5%
<b>Input Frequency</b>	50Hz to 60Hz
<b>Hold-up time, nom. conditions</b>	≥8.3mS
<b>Inrush Current</b>	60A at 230VAC
<b>Ripple and Noise</b>	20MHz
<b>MTBF</b>	>30,000-50,000 hours
<b>Turn On Delay</b>	3s
<b>Line Regulation</b>	+/-1%
<b>Load Regulation</b>	+/-5%
<b>Short Circuit</b>	Yes

### Mechanical Specifications

<b>Cable Length</b>	1.5m
<b>Width</b>	45mm
<b>Length</b>	98mm
<b>Depth</b>	33.5mm
<b>Humidity</b>	5% to 95% RH
<b>Weight</b>	220g

### Operation Environment Specifications

<b>Maximum Temperature</b>	40°C
<b>Minimum Temperature</b>	0°C

## Approvals

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



RS STOCK NO.	MODEL OUTPUT	VOLTAGE (Vo)	MAX. LOAD (Io)	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

