RS PRO 36W AC/DC Power Supply, 9V DC Output

RS Stock No: 625-748

FEATURES

- **Regulated Output:** Provides stable 9V DC power, ensuring consistent performance for sensitive electronics
- **High Efficiency:** Operates at 88% efficiency, reducing energy consumption and heat generation
- **Wide Input Voltage Range:** Accepts 90 V to 264 V AC, suitable for global use
- **Robust Load Regulation:** Maintains output within +5%, ensuring reliable operation under varying loads
- **Compact Design:** Dimensions of 116.5 mm x 54.2 mm x 34.6 mm for easy integration into tight spaces
- **Temperature Resilience:** Operates between -30°C and 70°C, suitable for diverse environments
- **Standards Approved:** Complies with BS EN IEC 62368-1, CE, FCC, and other international standards for safety and reliability

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

This RS PRO AC/DC power supply is designed to deliver reliable and efficient power conversion for various electronic devices. With a 9V DC output and a power capacity of 36W, it is ideal for applications requiring stable and regulated power. The unit features a UK plug and a 2.1 x 5.5 x 12 mm DC output connector, ensuring compatibility with a wide range of equipment.

General Specifications

Cable Length	1.5 m
Efficiency	88 %
Energy Efficiency Level	VI
Input Connector Type	UK Plug
Load Regulation	+5 %
Number of Outputs	1
Output Connector Type	2.1 x 5.5 x 12 mm DC Plug
Plug Type	UK
Product Type	AC/DC Power Supply
Regulated/Unregulated	Regulated
Sub Type	External AC/DC Desktop Power Supply

Electrical Specifications

Adapter Current	4 A
Maximum Input Voltage	264 V ac
Minimum Input Voltage	90 V ac
Output Voltage	9 V dc
Power	36 W

Mechanical Specifications

Depth	34.6 mm
Length	116.5 mm
Width	54.2 mm

Operation Environment Specifications

Maximum Operating Temperature	70 °C
Minimum Operating Temperature	-30 °C

Approvals

Standards/Approvals	BS EN IEC 62368-1, CB 62368-1, CE, cULus, FCC, RoHS, TUV-GS, UKCA