

FEATURES

- Universal / Full Range Input
- Interchangeable AC Heads
- Level 6 Efficiency
- Cost Effective & Highly Reliable

RS PRO, 24W Plug In Power Supply 12V dc, 2A, Level VI Efficiency, 1 Output Power Supply, Australia, European Plug, UK,

RS Stock No.: 903-2905



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, comes a range of high quality 24W universal plug-in power supply. These universal power supplies are an excellent plug in power solution as they are cost effective, highly reliable and designed for use in multiple countries. As part of our RS Pro line of power supplies, you are ensured a reliable & robust power solution.

General Specifications

Type	Power Supply
Plug Type	Australia, European Plug, UK, US
Output Connector	2.1 x 5.5 x 12 mm Centre Positive
Input Connector	Universal Plug
Number Of Outputs	1
Efficiency	86.2%
Energy Efficiency Level	VI
Applications	Gaming Machines, Network Equipment, Point of Sale Equipment, Telecom, Wireless communications, Tablets / Smartphones
Safety Requirements	CE, FCC, C-Tick, UL, TUV, TUV GS

Electrical Specifications

Output Voltage	12V dc
Input Voltage	100V ac, 110V ac, 115V ac, 120Vac, 127V ac, 220Vac, 230V ac, 240V ac
Output Current	2A
Power Rating	24W
Hold-up time, nom. conditions	10mS Min.
Inrush Current	60A Max.
Line Regulation	+/-2%
Short Circuit	Yes

Mechanical Specifications

Cable Length	1.8m
Width	46.2mm
Length	79.1mm
Depth	37.1mm
Humidity	10% - 95% RH
Weight	250g

Operation Environment Specifications

Maximum Temperature	40°C
Minimum Temperature	0°C

Approvals

Standards Met	BS EN 60950-1, CE, C-Tick, EN 60950-1, FCC, TUV, TUV GS, UL
Compliance/Certifications	CE, FCC, C-Tick, UL, TUV, TUV GS, RoHS



Characteristics				
RS Stock No./Part No.	9032891/T5785ST	9032895/T5786ST	9032905/T5787ST	9032908/T5788ST
Output Voltage	5V dc	9V dc	12V dc	24V dc
Output Current Max.	3A	2.66A	2A	1A
Output Current Min.	0A	0A	0A	0A
Power (Watts)	24W	24W	24W	24W
Line Regulation	+/-2%			
Hold Up Time	10mS Min.			
Ripple & Noise	200mV p-p	200mV p-p	200mV p-p	200mV p-p

Characteristics		
Protections	Input Protection Output Protection Short Circuit Protection	
Rated Input Voltage	100 – 240V ac	
Full Input Voltage Range	90 – 264V ac	
Rated Frequency	47 – 63Hz	
Efficiency	81.4%	86.2%
Input Current (RMS Max.)	0.8A Max.	
Inrush Current	60A Max.	
Input Power (no load)	0W	
AC Inlet	UK, Euro, US & AUS Interchangeable Plug tops	
DC Cord	1.8m Output Cable	
DC Plug	2.1mm C+ve	
Hi-Pot Specification	Primary to Secondary: AC 3000Vrms, 4mA, 1 minute for type test.	
Insulation Resistance	Primary to Secondary: 500HM to 500V dc	
Operating Temperature	0 – 40C	
Storage Temperature	-20 to 70C	
Operating Humidity	10 – 95%	
Storage Humidity	10 – 95%	
Safety Approvals	CE, FCC, C-Tick, UL, TUV, TUV GS	
PB-Free	Yes RoHS Compliant	
Dimensions (mm)	79.1 x 46.2 x 37.1	
Weight (Grams)	250g	