

Features

- Interchangeable AC Heads
- DOE Level VI Efficiency
- Mini USB
- Worldwide Approval
- AC Heads Included

RS PRO AC/DC Adapters

RS Stock No.: **0303989**



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

AC/DC Adapters

Product Description

This compact 5vdc 1amp Multi Head power supply is suitable for charging USB products fitted with a Mini USB and is suitable for worldwide use.:

- Fitted with a 1.5mtr Output cable with a Mini USB
- Supplied with UK/EU/USA & AUZ AC Heads

General Specifications

Type	Switched Mode Power Supply
Input Plug Type	Multi Head
Output Connector	Mini USB
Input Connector	UK Plug / EU Plug / USA/ Australia
Cable Length	1.5mtr
Cable Type	N/A
Power Indicator	No
Over Current Protection	Yes
Short Current Protection	Yes
Over Current Protection	Yes
MTBF	50000 hours at maximum load
Medical Approval	No

Electrical Specifications

Input Specifications

Rated Input Voltage	100 to 240V ac
Full Input Voltage Range	90 – 264V ac
Rated Frequency	50/60Hz
Full Frequency Range	47/63Hz
Efficiency	73%
Power Factor	
Input Current (RMS Max.)	0.3A
Inrush Current	40A Max
Leakage Current (max.)	0.25mA / 240V ac
Input Protection	Thermal fuse in Primary; Current Limit, Short Circuit

Output Specifications

Output Specifications		
Output Voltage	5V dc	
Maximum No load Voltage	5V dc	
Output Maximum Current	1A	
Output Minimum Current	0A	
Output Regulation	+/-5%	
Rated Power	5W	
Start Up Delay	4sec	
Start Up Rise Time	100ms	
Hold Up Time	5ms	
Transient Response		
Number of Outputs	1	
Efficiency	73%	
Efficiency Level	VI	
Output Voltage Precision	5%	
Ripple & Noise	200mV	
Turn On Delay	4 Seconds Max.	
Insulation Class	II	
Switching Frequency	70KHz	
Isolation Resistance	100MΩ @500V dc	
Voltage Isolation	Input-Output	3000V ac
	Input-Ground	
	Output-Ground	

Mechanical Specifications

Dimension	
Length	49.6mm
Width	41mm
Depth	28.6mm
Weight	85g

Operation Environment Specifications

Operating Humidity	20% to 85% RH non-condensing
Cooling	Natural convection
Operating Temperature Range	0 to 40°C
Storage Temperature Range	-20 to 80°C
Temperature Coefficient	
Altitude During Operation	3000m
Vibration Resistance	To IEC-68-2-6
Shock Resistance	

Approvals

Compliance/Certifications	<u>UL, SAA, CE & UKCA</u>
Declarations	MFR Declaration of Conformity
Medical Approval	NO

