

Features

- UK Plug Top
- DOE Level VI Efficiency
- 1 x USB A Socket
- Compact Design

RS PRO AC/DC Adapters

RS Stock No.: **0303990**



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AC/DC Adapters

Product Description

This compact 5vdc 2.1amp UK Plug Top power supply is suitable for charging USB products with a maximum load of 2.1amp via a Integral USB A Socket

- UK Plug Top
- Integral USB A Socket

General Specifications

Type	Switched Mode Power Supply
Input Plug Type	UK Plug Top
Output Connector	USB A Socket
Input Connector	UK Plug
Cable Length	N/A
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	79%
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 Voltage	5V dc	
Maximum No load Voltage	5V dc	
Output Maximum Current	2.1amp	
Output Minimum Current	0A	
Output Regulation	+/-5%	
Rated Power	10W	
Start Up Delay	20ms	
Start Up Rise Time	20ms	
Hold Up Time	20ms	
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	59mm
Width	49mm
Depth	26mm
Weight	80g

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>CE/UKCA</u>
Declarations	MFR Declaration of Conformity
Medical Approval	NO

