

Features

- Desktop
- DOE Level VI Efficiency
- 12vdc Single Output
- 4 Pin Din Connector
- 150 Watts
- C14 Input Socket

RS PRO AC/DC Adapters

RS Stock No.: **0304020**



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AC/DC Adapters

Product Description

This Desk Top 12vdc 150watt power supply is a compact design with an IEC C14 Input socket

- Desktop with C14 Input
- 4 Pin Din Connector

General Specifications

Type	Switched Mode Power Supply
Input Plug Type	C14
Output Connector	4 Pin Din
Input Connector	C14
Cable Length	1.2mtr
Cable Type	Round
Power Indicator	No
Over Current Protection	Yes
Short Current Protection	Yes
Over Current Protection	Yes
MTBF	30000 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	80%
Power Factor	
Input Current (RMS Max.)	1.2A Max
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	12vdc	
Maximum No load Voltage	12vdc	
Output Maximum Current	12.5A	
Output Minimum Current	0A	
Output Regulation	+/-10%	
Rated Power	150W	
Start Up Delay	20ms	
Start Up Rise Time	20-30ms	
Hold Up Time	20ms	
Transient Response		
Number of Outputs	1	
Efficiency	80%	
Efficiency Level	VI	
Output Voltage Precision	5%	
Ripple & Noise	300mV max	
Turn On Delay	3 Seconds Max.	
Insulation Class	I	
Switching Frequency	70KHz	
Isolation Resistance	100MΩ @500V dc	
Voltage Isolation	Input-Output	3000V ac
	Input-Ground	
	Output-Ground	

Mechanical Specifications

Dimension	
Length	165mm
Width	70mm
Depth	31mm
Weight	660g

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 60°C
Temperature Coefficient	
Altitude During Operation	3000m
Vibration Resistance	To IEC-68-2-6
Shock Resistance	

Approvals

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

