

## Features

- Interchangeabl AC Heads
- DOE Level VI Efficiency
- Selectable Output Voltage
- Selectable Output Connectors
- 7.2 Watts

## RS PRO AC/DC Adapters

RS Stock No.: **0304017**



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# AC/DC Adapters

## Product Description

This compact 3-12vdc 7.2watt Multi AC Head Plug Top power supply is suitable many applications and is supplied with selectable DC Connectors

- Supplied with 4 AC Heads
- Selectable DC Connectors

## General Specifications

Type	Switched Mode Power Supply
Input Plug Type	UK, EU, USA, AUZ
Output Connector	Multi Choice
Input Connector	Multi Head
Cable Length	1.8mtr
Cable Type	2 core Fig 8
Power Indicator	Yes
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.)	0.155A @ 100vac
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	3.0 / 4.5 / 5.0 / 6.0 / 7.5 / 9.0 / 12.0VDC	
Maximum No load Voltage	3.0 / 4.5 / 5.0 / 6.0 / 7.5 / 9.0 / 12.0VDC	
Output Maximum Current	3.0/ 4.5 / 5.0/ 6.0V-1.0A ;7.5V-0.9A;9.0V-0.8V ;12.0V-0.6A	
Output Minimum Current	0A	
Output Regulation	+/-5%	
Rated Power	7.2W	
Start Up Delay	20ms	
Start Up Rise Time	20ms	
Hold Up Time	20ms	
Transient Response		
Number of Outputs	1	
Efficiency	80%	
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	70mm
Width	42mm
Depth	37mm
Weight	105g

**Operation Environment Specifications**

Operating Humidity	20% to 85% RH non-condensing
Cooling	Natural convection
Operating Temperature Range	0 to 25°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/RCM</u>
Declarations	MFR Declaration of Conformity
Medical Approval	NO

