

## Features

- Multi AC Head
- DOE Level VI Efficiency
- 2.5 Right Angle
- Worldwide Approvals
- 30 Watts
- PSU Body & AC Heads to be purchased separately.

## RS PRO AC/DC Adapters

RS Stock No.: **0303995, 0303997, 0303998, 0304000, 0304001**



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.

**Product Description**

This compact 12vdc 24watt Multi AC Head power supply is suitable for worldwide use with a maximum load of 2 amps

- PSU Body & AC Heads available separately
- 2.5 C+ve DC Connector

**General Specifications**

Type	Switched Mode Power Supply
Input Plug Type	None
Output Connector	2.5x5.5x12mm C+ve
Input Connector	Multiple
Cable Length	1.5mtr
Cable Type	2 core Fig 8
Power Indicator	No
Over Current Protection	Yes
Short Current Protection	Yes
Over Current Protection	Yes
MTBF	50000 hours at maximum load
Medical Approval	No

# AC/DC Adapters

## 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	86%
Power Factor	
Input Current (RMS Max.)	0.8A
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	12V dc	
Maximum No load Voltage	12V dc	
Output Maximum Current	2amp	
Output Minimum Current	0A	
Output Regulation	+/-5%	
Rated Power	30W	
Start Up Delay	20ms	
Start Up Rise Time	20ms	
Hold Up Time	20ms	
Transient Response		
Number of Outputs	1	
Efficiency	86%	
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	72mm
Width	42mm
Depth	38mm
Weight	90g

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## 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/UK/RCM</u>
Declarations	MFR Declaration of Conformity
Medical Approval	NO

## Accessories available

Stock #	Item Name	Item Description	Qty
	<b>0303995</b>	PSU Body	<b>1</b>
	<b>0303997</b>	UK AC Head	<b>1</b>
	<b>0303998</b>	EU AC Head	<b>1</b>
	<b>0304000</b>	USA AC Head	<b>1</b>
	<b>0304001</b>	Auz AC Head	<b>1</b>

