15 Watt Universal Switching Adapter
PSA15W Single Output Series



Features

- 0A Minimum Load
- Class B EMI
- <0.25mA Leakage Current
- Slim 1" Height

Applications

- Portable Equipment
- Peripherals and Terminals
- Low-power Computers
- Networking

Safety Approvals

- cUL/UL
- CE
- TUV
- Meeting Cal. Prop. 65

Mechanical Characteristics

- Length: 110mm (4.33in)
- Width: 65mm (2.56in)
- Height: 25.4mm (1in)
- Weight: 200g (8oz.)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSA15W-050	+5V	0A	2.5A	50mV	±5%
PSA15W-090	+9V	0A	1.5A	90mV	±5%
PSA15W-120	+12V	0A	1.25A	120mV	±5%
PSA15W-150	+15V	0A	1A	150mV	±5%
PSA15W-180	+18V	0A	0.8A	180mV	±5%
PSA15W-240	+24V	0A	0.625A	240mV	±5%

(1) Measured by using a 12 inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

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PSA15W Characteristics

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INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Frequency
47 to 63Hz

Input Current
0.5A (rms) Max. @ 120VAC
0.25A (rms) Max. @ 240VAC

Leakage Current
0.25mA Max.

Inrush Current (cold)
20A for 120VAC at Max. load
40A for 240VAC at Max. load
(Cold start @ ambient 25°C)

OUTPUT:

Efficiency
70% typical

Hold-up Time
12mS Min. @ 120VAC and Max. load

Over-voltage Protection
>130% over-voltage detection, adapter will be shut down

Over-current Protection
Output equipped with short circuit protection – auto restart

Short Circuit Protection
Output can be shorted without damage

ENVIRONMENTAL:

Tempeature

Operation	0 to +40°C
Non-operation	-25 to +75°C

Humidity

Operation	5 to 80%

Emissions
FCC Class B
EN55022 Class B

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000VAC for 1 minute, 10mA

DC Output Connector
2.1x5.5mm Center Positive Standard

Dimension Diagram Unit: mm

