



## 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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**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:**

**Temperature**

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**

