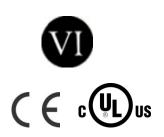
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15W Wall Plug Series PSC15A Adapter Series Meets Level VI Efficiency





Features				
Double Insulated	Over Voltage Protection			
Efficiency Level VI Compliance	Over Current Protection			
Class B EMI	Short Circuit Protection			
Applications				
Wireless Communications	Portable Equipment			
Networking	Peripherals			
Safety Approvals				
• cUL/UL 60950-1	• CE			
• CB 60950-1				
Mechanical Characteristics				
• Length: 71.5mm (2.81in)	• Height: 50mm (1.97in)			
• Width: 31.2 (1.23in)	• Weight: 120g (4.23oz)			
Output Specifications				

Model	DC Output	it Load		Ripple <sup>(1)</sup>	Regulation	Efficiency
	Voltage	Min.	Max.	P-P (max.)	Line & Load	Level
PSC15A-050	5V	0A	3.0A	100mV	±5%	VI
PSC15A-060	$6V^2$	0A	2.5A	100mV	±5%	VI
PSC15A-075	7.5V	0A	2A	100mV	±5%	VI
PSC15A-090	9V	0A	1.67A	120mV	±5%	VI

(1) Measured with an oscilloscope with 20MHz (or over) bandwidth. Outputs should be bypassed at a connector with a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.

(2) Product is labeled 5.9V for DOE requirement

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#### **PSC15A Characteristics**

**Input: AC Input Voltage Rating** 100 to 240VAC

**AC Input Voltage Range** 90 to 264VAC

**AC Input Frequency** 47 to 63Hz

**Input Current** 500mA (RMS) maximum at 120VAC 250mA (RMS) maximum at 240VAC

**Leakage Current** 0.25mA maximum at all line conditions

**Inrush Current** (Cold Start at ambient 25°C) 40A for 120VAC and maximum load 60A for 230VAC at maximum load

Output: Efficiency DOE Level VI

**Hold-up Time** 8mS minimum at 120VAC and maximum load

**Dimension Diagram Unit: mm (inch) PSC15A** 

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**Over-Voltage Protection** Output voltage should be <7.5Vdc for 5V; <8Vdc for 5.9V; <10Vdc for 7.5V; <13Vdc for 9V

**Over-Current Protection** 

The power supply shall enter self-protection mode to autorestart above 3.6A for 5V; >3.2A for 5.9V; >2.5A for 7.5V; >2A for 9V

### **Short-Circuit Protection**

The output can be shorted permanently without damage

### **Environmental:**

**Temperature** Operation Non-operation Humidity

0 to +40°C -40 to +85°C 0-90% non-condensing

### Emissions

EN55022 EN61000-3-2

#### Immunity

EN55024 EN61000-4-2 EN61000-4-4 EN61000-4-5 EN61000-4-11

# **Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000V AC for 1 min., 10mA

# **DC Output Connector**

Straight barrel connector 5.5mm x 2.1mm x 10mm

