# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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#### WWW.PHIHONG.COM



15 Watt Universal 2-Wire Input Desktop Adapter **PSAA15W Single Output Series Meets Level V Requirements** 





#### Features

- No Load Power Saving <0.3W •
- Efficiency Level V Compliance •
- Class B EMI

#### Applications

- Portable Equipment
- Peripherals and Terminals

Compact Size

<0.25mA Leakage Current

- Low-Power Computers •
- Networking •

- **Safety Approvals** 
  - CE

• cUL/UL

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#### **Mechanical Characteristics**

- Length: 81.2mm (3.20in)
- Width: 50mm (1.97in)

- Height: 29.8mm (1.17in) •
- Weight: 140g (4.94oz) •

**Output Specifications** 

Model	DC Output	Load		Ripple	Regulation	Efficiency
	Voltage	Min.	Max.	P-P (max.)	Line & Load	Level
PSAA15W-050V	5V	0A	3.00A	70mV	±5%	V
PSAA15W-120V	12V	0A	1.25A	120mV	±5%	V
PSAA15W-180V	18V	0A	0.83A	180mV	±5%	V
PSAA15W-240V	24V	0A	0.63A	240mV	±5%	V
PSAA15W-480V	48V	0A	0.31A	480mV	±5%	V

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#### **PSAA15W-V** Characteristics

Input: AC Input Voltage Rating 100 to 240V AC

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

**AC Input Frequency** 47 to 63Hz

**Input Current** 0.5A (RMS) maximum at 120V AC 0.25A (RMS) maximum at 240V AC

Leakage Current

0.25mA maximum

**Inrush Current** 30A for 120V AC at maximum load 60A for 240V AC at maximum load (Cold start at ambient 25°C)

Input Power Saving <0.3W maximum at no load

**Output:** Efficiency Meets requirements for Level V marking

Hold-up Time 10mS minimum at 120V AC and maximum load

#### **Environmental:**

**Temperature** Operation Non-operation

Humidity

0 to +40°C -25 to +75°C

20 to 90%

### Emissions

FCC Class B EN55022 Class B

#### Immunity

IEC61000-4-2 IEC61000-4-3 IEC61000-4-4 IEC61000-4-5 IEC61000-4-6 IEC61000-4-8 IEC61000-4-11 EN61000-3-2

**Over Voltage Protection** By Zener clamping, adapter will be shut down

**Over Current Protection** Output equipped with short circuit protection with auto restart

Short Circuit Protection

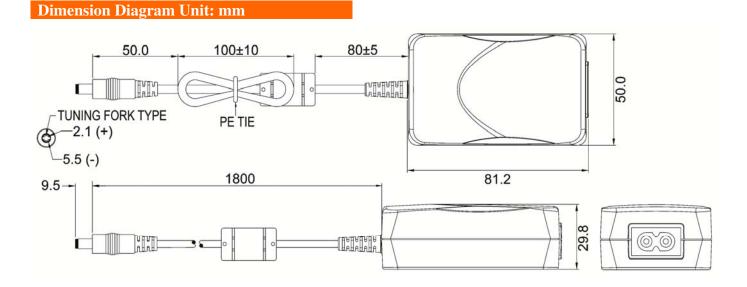
Output can be shorted without damage

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000VAC for 1 minute, 10mA

**DC Output Connector (Tuning Fork Type)** 2.1 x 5.5 x 9.5mm Center Positive Standard

AC Input Connector IEC320 C8



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