# 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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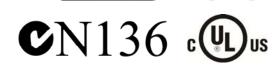
#### WWW.PHIHONG.COM



15 Watt Interchangeable Plug Series PSA15R Series meets Level V Efficiency Requirements







#### Features

- Double Insulated
- Class B EMI
- Limited Power Source

#### Applications

- Wireless Communications
- Network Equipment

#### **Safety Approvals**

- CE
- C-Tick
- TUV

### Mechanical Characteristics

- Length: 71.6mm (2.82in)
- Width: 50mm (1.97in)

Gaming

Peripherals

**EISA** Compliant

- cUL/UL
- SAA

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• Height: 31mm (1.22in)

Level V Efficiency Compliant

• Weight: 151g (5.32oz)

**Output Specifications** 

Model	DC Output Voltage	Load		Ripple <sup>(2)</sup>	Efficiency
		Min.	Max.	P-P (max.)	Level
PSA15R-050PV	5V	0A	3.000A	100mV	
PSA15R-060PV <sup>(1)</sup>	6V	0A	2.500A	100mV	
PSA15R-075PV <sup>(1)</sup>	7.5V	0A	2.000A	100mV	
PSA15R-090PV	9V	0A	1.667A	100mV	
PSA15R-120PV	12V	0A	1.250A	120mV	
PSA15R-150PV	15V	0A	1.000A	150mV	V
PSA15R-240PV	24V	0A	0.625A	240mV	V
PSA15R-480PV	48V	0A	0.313A	480mV	V

Note (1): Special order item, minimum order quantity required. Contact Phihong Sales for more information.

Note (2): Ripple measured by using a 12-inch twisted pair terminated with 10uF capacitor and 0.1uF ceramic in parallel with oscilloscope set to 20Mhz measured after a warm-up of 10minutes.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

#### **PSA15R-V** Characteristics

AC Input Input Voltage Rating 100 to 240VAC

AC Input Voltage Range 90 to 264VAC

AC Input Current 0.5A (RMS), 120VAC at maximum load 0.25A (RMS), 240VAC at maximum load

**AC Input Frequency** 47 to 63Hz

**In-rush Current** 30A for 120VAC at maximum load 60A for 240VAC at maximum load (cold start at ambient 25°C)

Leakage Current 0.25mA maximum

#### DC Output Output Power

15W

#### Efficiency

Meets Level V Requirements >76% minimum 5V >79% minimum 6V – 48V

**No Load Power Consumption** <0.3W

Hold up time 8mS minimum at maximum load, 120VAC

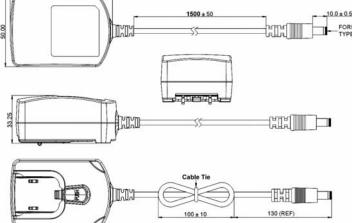
#### Environmental

Operating Temperature Storage Temperature Humidity Dimension Diagram Unit:mm

-20°C to +75°C 20 to 90%

 $0^{\circ}$ C to +40°C

71.70



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**EMI** FCC class B, EN55022 Class B

#### Immunity

EN61000-4-2 Level 3 EN61000-4-3 Level 2 EN61000-4-4 Level 2 EN61000-4-5 Level 3 EN61000-4-6 Level 2 EN61000-4-11

**Isolation (HI-POT test)** Input to Output: 3000VAC for 1 minute, 10mA

Insulation Resistance Input to Output: 500VDC 500M Ohm minimum

**Over Current Protection** Short Circuit Auto-restart

**Short Circuit Protection** Output can be shorted without damage

**Over Voltage Protection** By Zener clamping

MTBF Minimum 50K hours

**DC Cord** 1500mm (18~24AWG)

DC Output Connector (Tuning Fork Type)

5.5mm x 2.1mm x 10mm Center Positive

#### **Interchangeable AC Clips**

RPA:	US	RPK:	UK	
RPB:	Brazil	RPI:	India	
RPC:	China	RPN:	Argentina	
RPE:	Europe	RPS:	Australia	
RPH:	Korea	RPX:	IEC320 C8	
(Sold Separately)				