



## 15 Watt Interchangeable Plug Series



### Features

- Double Insulated
- Class B EMI
- Level VI Efficiency Compliant
- Limited Power Source (LPS)

### Applications

- Wireless Communications
- Network Equipment
- Peripherals
- Gaming

### Safety Approvals

- UL/cUL 60950-1
- UL/cUL 62368-1
- AS/NZ 60950-1
- IEC60950-1
- IEC62368-1
- CE

### Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.97in)
- Height: 33.2mm (1.31in)
- Weight: 115g (4.06oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple1 P-P (max.)
		Min.	Max.	
PSC15R-050-R	5V	0A	3.000A	100mV
PSC15R-060-R	5.9V	0A	2.500A	100mV
PSC15R-075-R	7.5V	0A	2.000A	100mV
PSC15R-090-R	9V	0A	1.67A	120mV
PSA15R-120P6-R	12V	0A	1.250A	100mV
PSA15R-150P6-R	15V	0A	1.000A	100mV
PSA15R-240P6-R	24V	0A	0.65A	200mV
PSA15R-480P6-R	48V	0A	0.313A	400mV

**Notes:**

1. 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.

**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**

<40A for 120VAC at maximum load  
 <60A for 240VAC at maximum load  
 (cold start at ambient 25°C)

**Leakage Current**

0.25mA maximum

**Input Power Saving**

100mW max @ 230V

**OUTPUT****Output Power**

15W

**Efficiency<sup>2</sup>**

US DoE Level VI; EU CoC Ver5 Tier1  
 ErP 2009/125/EC (EU 2019/1782)

**Hold up time**

8mS minimum at maximum load, 120VAC

**ENVIRONMENTAL:****Temperature**

Operation	0°C to +40°C
Non-operation	-40°C to +85°C
Humidity	20 to 90%

**EMI**

Complies with FCC class B  
 Complies with EN55032 Class B

**Immunity**

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

**Isolation (HI-POT test)**

Input to Output: 3000VAC for 1 minute, 10mA

**Insulation Resistance**

Input to Output: 500VDC 500M Ohm minimum

**FEATURES:****Over Current Protection**

&gt;2A Short Circuit Auto-restart

**Short Circuit Protection**

Output can be shorted without damage

**Over Voltage Protection**

&lt;13V

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

Pri. to Sec.: 3000V AC for 1 min., 10mA

**DC Cord**

1500mm (18~24AWG)

**DC Output Connector (Tuning Fork Type)**

5.5mm x 2.1mm x 10mm Center Positive

**Interchangeable AC Clips**

(Sold Separately)

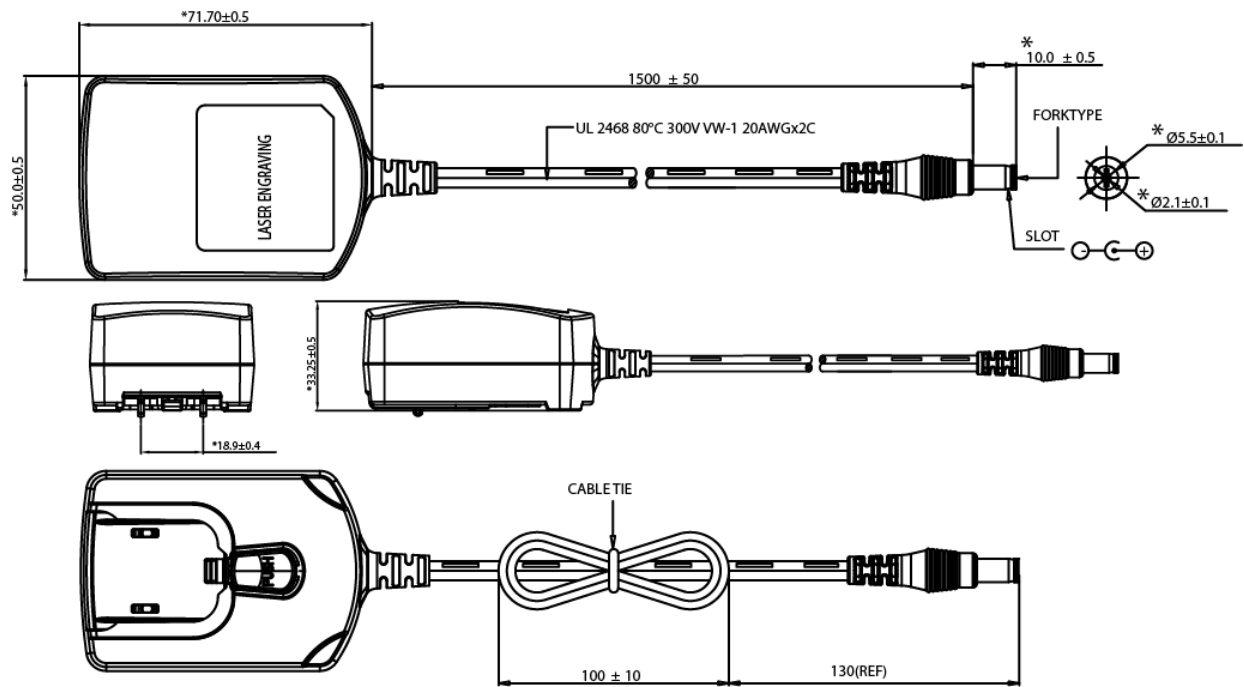
RPA – US  
 RPB – Brazil  
 RPC – China  
 RPE – Europe  
 RPH – Korea  
 RPI – India  
 RPK – UK  
 RPN – Argentina  
 RPS – Australia  
 RPX – IEC320 C8

**Notes:**

1. The characteristics defined are at ambient temperature of 25°C unless otherwise specified
2. Efficiency is measured after 30 minutes burn-in

# PSX15R

# Dimension Diagram Unit: mm



**Supplier's Declaration of Conformity  
47 CFR § 2.1077 Compliance Information**

Phihong USA Corporation  
47800 Fremont Boulevard  
Fremont, CA 94538  
Telephone: (510) 445-0100  
[www.phihong.com](http://www.phihong.com)

NOTE: This model has/The models in this product series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.