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.

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PSX15R Characteristics[1] WWW.PHIHONG.COM

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[2]
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
>2A Short Circuit Auto-restart

Short Circuit Protection
Output can be shorted without damage

Over Voltage Protection
<13V

Dielectric Withstand (Hi-pot) Test
Pri. to Sec.: 3000V AC for 1 min., 10mA

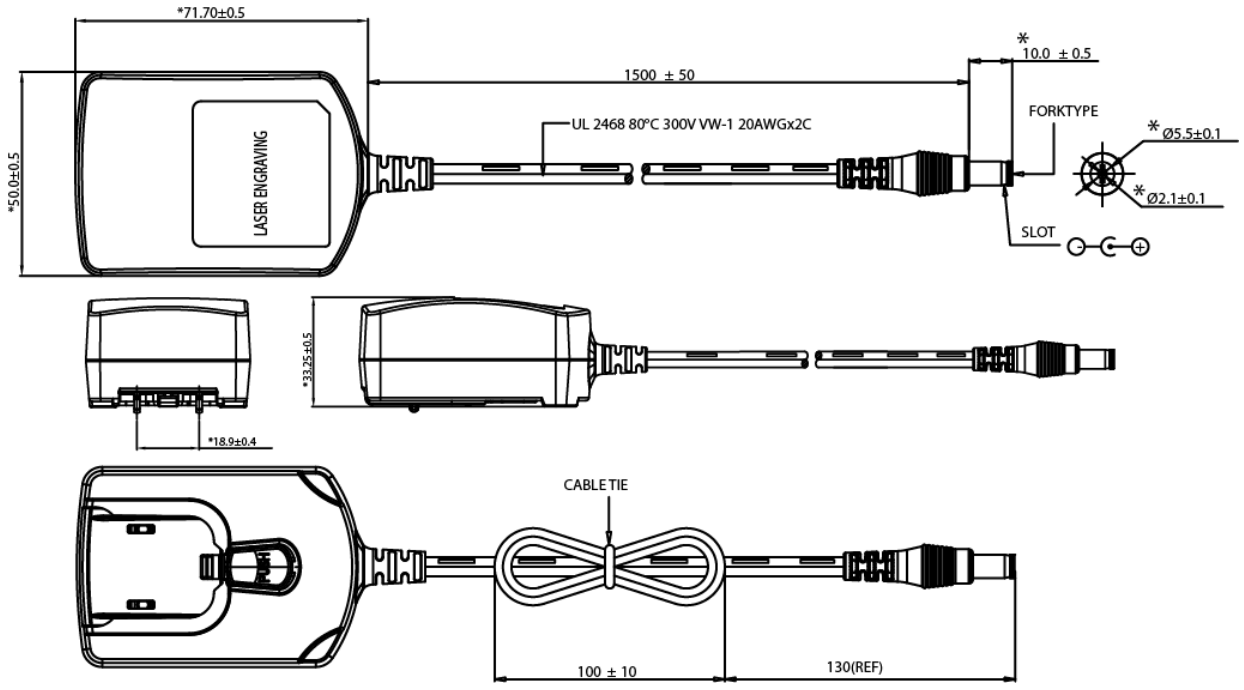
DC Cord
1500mm (18~24AWG)

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 25ºC 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

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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.