



15 Watt Interchangeable Plug Series PSX15R Series meets Level VI Efficiency Requirements



Features

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

Applications

- Wireless Communications
- Network Equipment
- Peripherals
- Gaming

Safety Approvals

- CE
- RCM
- cUL/UL

Mechanical Characteristics

- Length: 71.6mm (2.82in)
- Width: 50mm (1.97in)
- Height: 31mm (1.22in)
- Weight: 151g (5.32oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Efficiency Level
		Min.	Max.		
PSC15R-050	5V	0A	3.000A	100mV	VI
PSC15R-060	5.9V	0A	2.500A	100mV	VI
PSC15R-075	7.5V	0A	2.000A	100mV	VI
PSC15R-090	9V	0A	1.67A	120mV	VI
PSA15R-120P6	12V	0A	1.250A	100mV	VI
PSA15R-150P6	15V	0A	1.000A	100mV	VI
PSA15R-240P6	24V	0A	0.65A	200mV	VI
PSA15R-480P6	48V	0A	0.313A	400mV	VI

Note (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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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

<40A 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

US DoE Level VI

EU CoC Ver5 Tier1

No Load Power Consumption

100mW max @ 230V

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

FCC class B, EN55022 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

Over Current Protection

Short Circuit Auto-restart

Short Circuit Protection

Output can be shorted without damage

Over Voltage Protection

By Zener clamping if voltage exceeds 120% of limit

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 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

RPA: US

RPK: UK

RPB: Brazil

RPI: India

RPC: China

RPN: Argentina

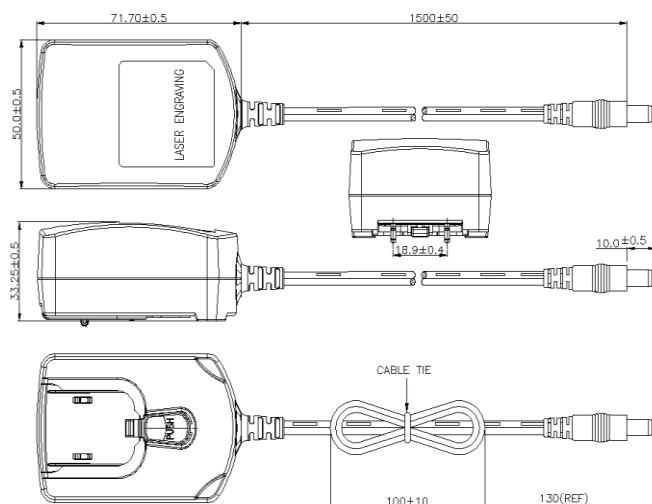
RPE: Europe

RPS: Australia

RPH: Korea

RPX: IEC320 C8

(Sold Separately)

Dimension Diagram Unit:mm


Mouser Electronics

Authorized Distributor

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[PSA15R-120](#) [PSA15R-050](#) [PSA15R-480](#) [PSA15R-150P-R](#) [PSA15R-240P-R](#) [PSA15R-090P-R](#) [PSA15R-480PE-R](#)
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