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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

- CE
- RCM
- cUL/UL

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

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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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
US DoE Level VI; EU CoC Ver5 Tier1

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, 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

PSX15R Dimension Diagram Unit: mm (inch)

