



15 Watt Fixed Wall Plug Series Adapter Meets Level VI Requirements



Features

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

Applications

- Wireless Communications
- Portable Equipment
- Peripherals
- PDA

Safety Approvals

- cUL/UL

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Height: 33.2mm (1.31in)
- Width: 50mm (1.97in)
- Weight: 145g (5.12oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ² P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSC15A-050-R	5V	0A	3.0A	100mV	±5%
PSC15A-060-R	5.9V	0A	2.5A	100mV	±5%
PSC15A-075-R	7.5V	0A	2.0A	100mV	±5%
PSC15A-090-R	9V	0A	1.67A	120mV	±5%
PSA15A-120P6-R	12V	0A	1.25A	100mV	±5%
PSA15A-150P6-R	15V	0A	1.0A	100mV	±5%
PSA15A-240P6-R	24V	0A	0.65A	200mV	±5%
PSA15A-480P6-R ¹	48V	0A	0.31A	400mV	±5%

Notes:

1. NRCan approval for PSA15A-480P6-R model only
2. Measured after 30 minutes with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20Mhz.

Input:**AC Input Voltage Rating**

100 to 240V AC

AC Input Voltage Range

90 to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

0.5A (RMS) maximum at 120V AC

0.25A (RMS) maximum at 240V AC

Leakage Current

0.25mA maximum at all line conditions

Inrush Current

<40A for 120V AC at maximum load

<60A for 240V AC at maximum load

(Cold start at ambient 25°C)

Input Power Saving

0.1W maximum at no load

Output:**Efficiency**

US DOE Level VI

Environmental:**Temperature**

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity 20 to 90%

Emissions

Complies with FCC Class B

Complies with EN55032 Class B

Immunity

IEC610004-2

IEC610004-3

IEC610004-4

IEC610004-5

IEC610004-6

IEC61000-4-8

IEC61000-4-11

EN61000-3-2

Hold-up Time

8mS minimum at 120V AC and maximum load

Over-Voltage Protection

Zener clamping if voltage exceeds 120% of limit

Over-Current Protection

Output equipped with short circuit protection – auto-restart

Short-Circuit Protection

Output can be shorted without damage

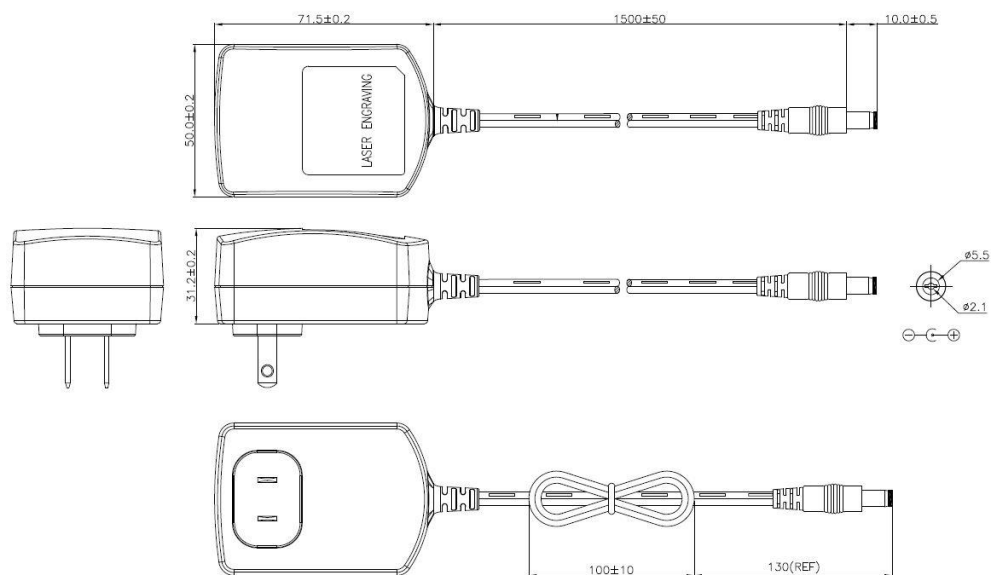
Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000V AC for 1 min., 10mA

DC Output Connector

2.1 x 5.5mm Center Positive Barrel

Dimension Diagram Unit: mm





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

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This device complies with/The devices in this product series comply with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Mouser Electronics

Authorized Distributor

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Phihong:

[PSC15A-075](#) [PSC15A-050](#) [PSC15A-060](#) [PSC15A-090](#) [PSA15A-120P](#) [PSA15A-150P](#) [PSA15A-240P](#) [PSA15A-480P](#)