



15 WATT SERIES PSA15A Wall Plug Adapter



Features

- CEC Compliant
- Class B EMI
- Class II Double Insulated
- High Efficiency
- No Load Power Consumption < 0.5 Watt

Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

Safety Approvals

- cUL/UL

Mechanical Characteristics

- Length: 71.5 mm (2.81 in)
- Width: 50.0 mm (1.97 in)
- Height: 31.2 mm (1.23 in)
- Weight: 160 g (5.64 oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSA15A-050P*	5V	0A	3.0A	50mV	±5%	
PSA15A-060P* (2)	6V	0A	2.5A	60mV	±5%	
PSA15A-075P (2)	7.5V	0A	2.0A	75mV	±5%	
PSA15A-090P	9V	0A	1.67A	90mV	±5%	
PSA15A-120P	12V	0A	1.25A	120mV	±5%	
PSA15A-150P	15V	0A	1.0A	150mV	±5%	
PSA15A-240P	24V	0A	0.625A	240mV	±5%	
PSA15A-480P	48V	0A	0.31A	480mV	±5%	

Note: (1) Measured after 30 minutes with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20 Mhz. (2) Special order item. Minimum order quantity of 1000 required.

*PSA15R-050P and PSA15R-060P are CEC Level IV_{115VAC} Compliant

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit www.phihong.com for the most up-to-date specifications.

PSA15A Characteristics

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INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

Input Current
0.5A(RMS) max. @ 120VAC
0.25A(RMS) max. @ 240VAC

Leakage Current
0.25mA max. @ all line conditions

Inrush Current (at cold start)
30A Max. for 120VAC at max load
60A Max. for 240VAC at max load

Input Power Saving
0.5W max. for 240VAC at no load

OUTPUT:

Efficiency
75% min. at max. load and 120Vac 60Hz

Hold-up Time
10 ms min. at max. load and 120VAC, 60Hz

Over Current Protection
Short circuit. Auto restart

Over Voltage Protection
By Zener (1W 13V \pm 5%) clamping

Short Circuit Protection
Output can be shorted without damage

ENVIRONMENTAL:

Temperature
Operating Temperature 0 to +40°C
Storage Temperature -25 to +75°C

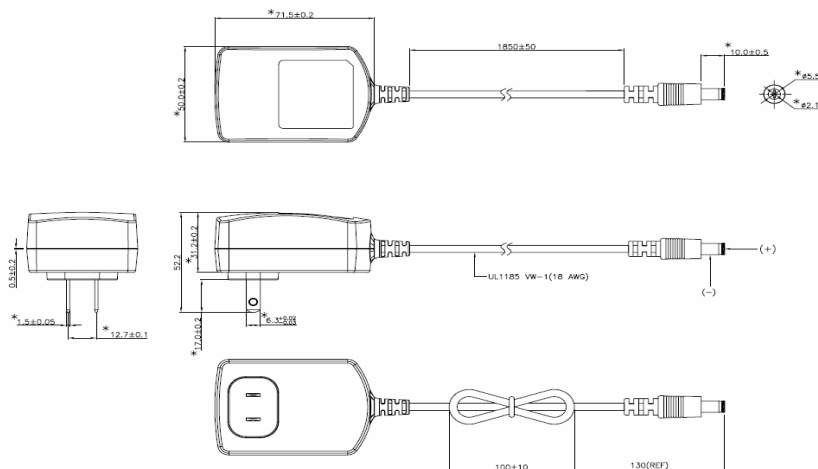
Humidity
Operating humidity 20% to 90% R.H.
Storage humidity 20% to 90% R.H.

Emissions
FCC Class B
EN55022 class B

Dielectric Withstand (Hi-pot) Test
3000VAC for 10 mA 1min.

DC Output Connector
2.1 x 5.5 mm Center Positive

Dimension Diagram Unit: mm (inch)



For a detailed copy, please e-mail usasales@phihongusa.com