



## 18 Watt Fixed Wall Plug Series



### Features

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

### Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

### Safety Approvals

- cUL/UL 60950-1

### Mechanical Characteristics

- Length: 83.5mm (3.29in)
- Width: 35mm (1.38in)
- Height: 53.5mm (2.11in)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSAC18A-120L6-R	12V	0A	1.5A	240mV	±5%

Notes: (1) 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) max at 100V AC/60Hz

**Leakage Current**

0.25mA maximum at 240Vac/50Hz

**Inrush Current**

&lt;40A for 115V AC at max load

&lt;60A for 230V AC at max load

(Cold start at ambient 25°C)

**Output:****Efficiency**

US DOE Level VI

**Environmental:****Temperature**

Operation 0 to +40°C

Non-operation -20 to +70°C

Humidity 90% RH max

**Emissions**

Complies with FCC Class B

Complies with EN55032 Class B

**Immunity**

EN61000-4-2, Level 4, contact 8kv, Air 15kV, Criteria B

EN61000-4-3, Criteria A

EN61000-4-4, Criteria B

EN61000-4-5, Level 3, line to neutral  $\pm 1$ kV;

line/neutral to FG, Criteria B

EN61000-4-6, Criteria A

EN61000-4-8, Criteria A

EN61000-4-11, Criteria B

**Hold-up Time**

10mS min at 115Vac/60Hz, max load

**Over-Voltage Protection**

20.4V max at 80Vac~264Vac/50Hz, max load

**Over-Current Protection**

3A max

**Dielectric Withstand (Hi-pot) Test**

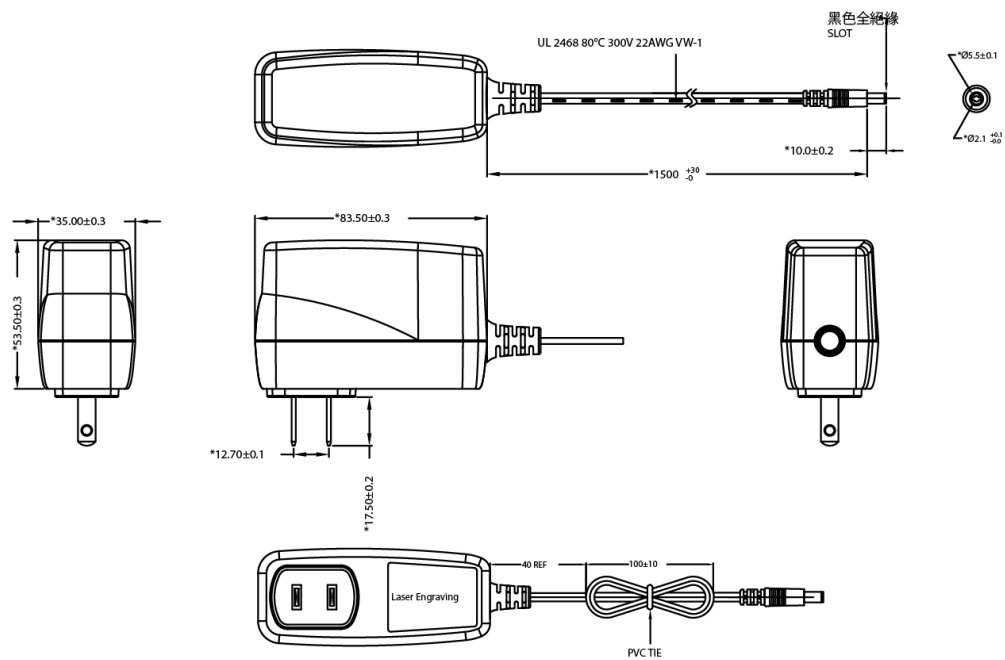
Primary to Secondary: 3000V AC for 1 min.,

10mA

**DC Output Connector**

Barrel plug 5mm x 2.1mm x 10mm

# 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.