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# 24 Watt - Wall Plug Adapter





#### **Features**

- Class B EMI
- **Short-Circuit Protection**

- Class II Double Insulated
- Over-Voltage, Over-Current

## Applications

- Portable Equipment
- Peripherals

#### Safety Approvals

• cUL/UL 60950-1

#### Mechanical Characteristics

- Length: 83.5mm (3.29in)
- Width: 35.0mm (1.38in)

**Access Devices** 

Protection

Height: 53.5mm (2.89in) Weight: 165g (5.82oz)

#### **Output Specifications**

Model	DC Output	Load		Ripple(1)	Regulation
Model	Voltage	Min.	Max.	P-P (max.)	Line & Load
PSAC24A-120L6-R	12V	0A	2.0A	240mV	±5%

Notes: (1)Measured after 30 minutes with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20MHz.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

PSAC24A Characteristics	WWW.PHIHONG.COM
INPUT:	Immunity
AC Input Voltage Rating	EN 61000-3-2
100 to 240V AC	EN 61000-4-2
	EN 61000-4-3
AC Input Voltage Range	EN 61000-4-4
90 to 264V AC	EN 61000-4-5
	EN 61000-4-6
AC Input Frequency	EN 61000-4-8
50 to 60Hz	EN 61000-4-11

### **Input Current**

0.6A (RMS) maximum at 100V AC

#### **Leakage Current**

0.25mA max at 100Vac/60Hz & 240Vac/50Hz

#### **Inrush Current**

40A max at 115VAC/60Hz 80A max at 230VAC/50Hz (Cold start at ambient 25°C)

# **OUTPUT:** Efficiency

DOE Level VI

#### **Hold-up Time**

≥10ms min at 115Vac/60Hz &230Vac/50Hz, max load

#### **ENVIRONMENTAL:**

#### **Temperature**

 $\begin{array}{ll} \text{Operation} & 0 \text{ to } +40^{\circ}\text{C} \\ \text{Non-operation} & -20 \text{ to } +70^{\circ}\text{C} \\ \text{Humidity} & 90\%\text{RH max} \end{array}$ 

#### **Emissions**

Complies with FCC Class B Complies with EN55032 Class B

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

≥3KVac/10mA @1minute

#### **FEATURES:**

#### **Over-Voltage Protection**

≤20.4V max at 90Vac~264Vac, max load

#### **Over-Current Protection**

≤4A max at 90Vac~264Vac, max load

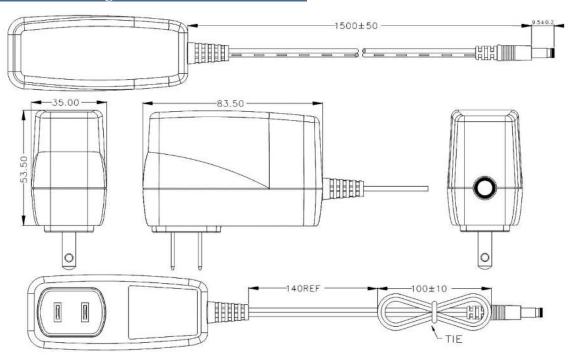
#### **Short-Circuit Protection**

Units shall be protected against a continuous short circuit and over current condition over the operating range. A continuous short circuit shall not produce excessive heat and no smoke or fire

#### **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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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.