24 WATT - TWO WIRE UNIVERSAL INPUT
PSA24A-120(P) Adapter Meets EISA and CEC Requirements

Features

- Class B EMI
- No Load Power Consumption < 0.3 Watt
- Energy Star EPS Version 2.0 Compliant
- Class II Double Insulated
- EISA and CEC Compliant
- Short-Circuit Protection

Applications

- Portable Equipment
- Peripherals
- Access Devices

Safety Approvals

- cUL/UL
- PSE
- BSMI

Mechanical Characteristics

- Length: 83.5mm (3.29in)
- Width: 35.0mm (1.38in)
- Height: 73.5mm (2.89in)
- Weight: 165g (5.82oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSA24A-120(P)	12V	0A	2.0A	150mV	±5%		Ⓥ

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

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.

INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

Input Current
0.6A(RMS) max. @ 100VAC, max. load

Leakage Current
0.25mA max.

Inrush Current (cold)
< 85A for 230VAC at max. load
 (Cold start @ ambient 25°C)

Input Power Saving
0.3W maximum at no load

OUTPUT:
Efficiency
> 82% average efficiency

Hold-up Time
8mS min. @ 120VAC and max. load

Over Current Protection
5.0A max @ 230VAC

Over Voltage Protection
Output voltage shall not exceed 20V

Short Circuit Protection
Output can be shorted without damage

ENVIRONMENTAL:
Temperature
Operation   0 to +40°C
Non-operation   -40 to +85°C

Humidity (Relative)
Operation and Storage   20 to 90%

Emissions
FCC Class B
CISPR 22 Class B

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

DC Output Connector
2.1x5.5mm Center Positive Standard

Mating Connector
Kycon KLD-0202-A or equivalent

Dimension Diagram Unit: mm