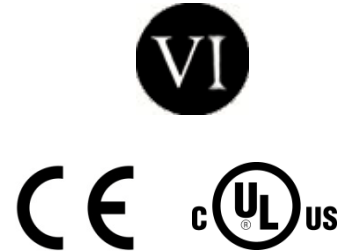




45 Watt Universal 2-Wire Input Adapter PSAC45W Adapter Series Meets Level VI Efficiency Requirements



Features

- Low Cost
- EISA Energy Efficiency Compliance
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Non-Vented/Spill-proof Case
- Low Profile Design
- Class B EMI
- Level VI Efficiency Compliant

Applications

- Portable Equipment
- Notebook Computers
- Networking
- Gaming Machines

Safety Approvals

- CE
- cUL/UL

Mechanical Characteristics

- Length: 120mm (4.72in)
- Width: 50mm (1.98in)
- Height: 31.5mm (1.27in)
- Weight: 250g (8.82oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple P-P (max.)	Efficiency Level
		Min.	Max.		
PSAC45W-120	12V	0A	3.750A	150mV	VI
PSAC45W-180	18V	0A	2.500A	180mV	VI
PSAC45W-240	24V	0A	1.875A	240mV	VI
PSAC45W-480	48V	0A	0.938A	480mV	VI
PSAC45W-560	56V	0A	0.804A	560mV	VI

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.

Input:

AC Input Voltage Rating

120-240V AC

AC Input Voltage Range

89-270V AC

AC Input Frequency

47-63Hz

Input Current

1.2A (RMS) Maximum at 120V AC

Leakage Current

250uA maximum

Inrush Current

120A max. at 120V AC and max load
(Ambient 25°C cold start)

Input Power Saving

0.1W maximum at nominal input

Output:

Efficiency

DOE Level VI

87.7% minimum

Environmental:

Temperature

Operation 0 to 40°C

Non-operation -20 to 70°C

Operating Humidity 5 to 90%

EMC

FCC Class B

EN55022 Class B

Immunity

IEC61000-4-2

IEC61000-4-3

IEC61000-4-4

IEC61000-4-5

IEC61000-4-6

IEC61000-4-8

IEC61000-4-11

EN61000-3-2

Over-Voltage Protection

Auto-restart

Over-Current Protection

Auto-restart

Short-Circuit Protection

Protected against short circuit – Output can be shorted permanently without damage

Dielectric Withstand (Hi-pot) Test

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

Insulation Resistance

Primary to secondary: >7M ohm 500V DC

DC Output Connector

Center Positive Barrel (10mm x 5.5mm x 2.1mm)

DC Cord

1500mm ± 50

Dimension Diagram Unit: mm (inch)

