



45 Watt Universal 2-Wire Input Adapter PAC45W Adapter Series Meets Level V 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 V 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-R	12V	0A	3.750A	150mV	V
PSAC45W-180-R	18V	0A	2.500A	180mV	V
PSAC45W-240-R	24V	0A	1.875A	240mV	V
PSAC45W-480-R	48V	0A	0.938A	480mV	V
PSAC45W-560-R	56V	0A	0.804A	560mV	V

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

0.3W maximum at nominal input

Output:
Efficiency

Meets Level V Efficiency Requirements
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 $\pm$ 50

Dimension Diagram Unit: mm (inch)
