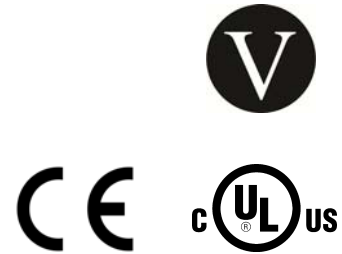




## 45 Watt Universal 2-Wire Input Adapter PAC45W Adapter Series Meets Level V Efficiency Requirements



### 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

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**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 ± 50

**Dimension Diagram Unit: mm (inch)**

