



45 Watt Universal 2-Wire Input Adapter



Features

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

Applications

- Portable Equipment
- Notebook Computers
- Networking
- Gaming Machines

Safety Approvals

- CE
- CB
- cUL/UL

Mechanical Characteristics

- Length: 120mm (4.72in)
- Width: 50mm (1.97in)
- Height: 31.5mm (1.24in)
- Weight: 250g (8.82oz)

Output Specifications

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

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Input:

AC Input Voltage Rating
100~240VAC

AC Input Voltage Range
90~264VAC

AC Input Frequency
47~63Hz

Input Current
1.2A (RMS) Max at 120VAC

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)

