imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Smallest 40W Universal 2-Wire Input Adapter PSA40W Adapter is Level V Efficient





Features

- Very Small
- Low Cost
- Low Leakage
- Level V Efficiency Compliance

Applications

- Portable Equipment
- Peripherals

Safety Approvals

- CE
- TUV

Mechanical Characteristics

- Length: 90mm (3.54in)
- Width: 35mm (1.38in)

• Netbook Computing

Input Power Saving <0.2W

• Gaming Machines

Class B EMI

Compliant

Ecodesign ErP Directive 2009/125/EC

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- cUL/UL
- Height: 27mm (1.06in)
- Weight: 125g (4.4oz)

Output Specifications

Model	DC Output	Load			Ripple	Efficiency
	Voltage Range	Min.	Max.	Peak.	P-P (max.)	Level
PSA40W-190-R	18.05~19.95V	0A	2.1A	2.3A	190mV	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.

PSA40W Characteristics

INPUT: AC Input Voltage Range 90 to 264VAC

AC Input Voltage Rating 100 to 240VAC

AC Input Frequency 47 to 63Hz

Max In-Rush Current 150A maximum for 220VAC at maximum load

AC Input Current 1.0A (RMS) maximum at 110VAC

Leakage Current 0.25mA maximum at all line conditions

Input Power Saving <0.2W for 240VAC at no load

OUTPUT: Output Power 40W continuous

Efficiency Meets requirements for Level V marking

Hold up time >6ms at 100VAC, 50Hz and full load

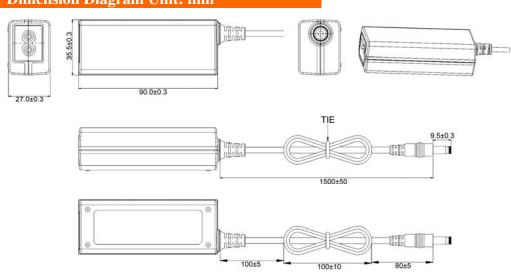
ENVIRONMENTAL

Operating Temperature Storage Temperature 0 to 40°C -20 to 80°C

Operating Humidity

20 to 80%

Dimension Diagram Unit: mm



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EMI EN55022 class B, FCC Part 15 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 EN61000-3-3

Isolation (Hi-POT) Input to Output: 3000VAC for 5mA, 1 minute

Insulation Resistance Input to Output: 500VDC 100M ohm, 1minute

FEATURES Over Current Protection 2.3~3.8A at nominal input and full load

Short Circuit Protection The output can be shorted permanently without damage

Over Voltage Protection 23V (min) ~ 34V (max) Vo

AC Input Connector IEC320 C8 two-wire

DC Output Connector 2.5 x 5.5mm center positive barrel