



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!



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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
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC Compliant
- Input Power Saving <0.2W

Applications

- Portable Equipment
- Peripherals
- Netbook Computing
- Gaming Machines

Safety Approvals

- CE
- TUV
- cUL/UL

Mechanical Characteristics

- Length: 90mm (3.54in)
- Width: 35mm (1.38in)
- Height: 27mm (1.06in)
- Weight: 125g (4.4oz)

Output Specifications

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

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

Operating Humidity 20 to 80%

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

Dimension Diagram Unit: mm

