



2.75W Compact Fixed Blade Charger Small/Thin Wall Plug Adapter with DC Cord



Features

- North America Fixed Blade AC Input
- CC & CV control
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b compliant
- Limited Power Source
- Class B EMI
- No Y Caps
- Class 2 Output

Applications

- MPEG Players
- PDAs
- Medical Test Device Charging
- Personal Electronics
- Digital Cameras
- Cordless Tools

Safety Approvals

- cUL/UL

Mechanical Characteristics

- Length: 39.4mm (1.65in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)
- Weight: 45g (1.59oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSM03A-050-R	5V	0A	0.55A	100mV	±5%	
PSM03A-075-R	7.5V	0A	0.366A	100mV	±5%	
PSM03A-090-R	9V	0A	0.305A	100mV	±5%	
PSM03A-100-R	10V	0A	0.275A	120mV	±5%	
PSM03A-120-R	12V	0A	0.23A	200mV	±5%	

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INPUT:

AC Input Voltage Rating

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Current

100mA (RMS) max.

Leakage Current

0.25mA maximum

Inrush Current (cold)

<30A for 120VAC at max. load

<60A for 240VAC at max. load

(Cold start @ ambient 25°C)

Input Power Saving

<0.15W max. @ 230VAC at no load

OUTPUT:

Power

2.75W Maximum

Efficiency

Meets Level V Efficiency Requirements

No-Load Power Saving

0.03W maximum at 115VAC/230VAC

Hold-up Time

10mS min. @ 120VAC and max. load

Over-voltage/Short-circuit Protection

The output is equipped with over-voltage and short-circuit protection. The output can be shorted permanently without damage.

ENVIRONMENTAL:

Temperature

Operation 0 to +40°C

Non-operation -25 to +75°C

Humidity

Operation 20 to 90%

Immunity

ESD: EN61000-4-2. Level 4

Surge: EN61000-4-5. Level 3

Harmonic: EN61000-3-2

Flicker: EN61000-3-3

Emissions

FCC Class B

EN55022 Class B

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000VAC, 10mA for 60s

Insulation Resistance

Primary to Secondary: >100M ohm 500VDC

DC Cord

1500mm

DC Output Connector

5.5mm x 2.1mm x 9.5 center positive barrel

Dimension Diagram Unit: mm

