



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



Features

- North America Fixed Blade AC Input
- CC & CV control
- Level VI Efficiency
- Class 2 Output per UL 1310
- Limited Power Source
- Class B EMI
- No Y Caps
- Standard Barrel Connector or Micro-B

Applications

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

Safety Approvals

- cUL/UL
- Class 2 Output per UL 1310

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	5V	0A	0.55A	100mV	±5%	
PSM03A-050(M) ⁽¹⁾	5V	0A	0.55A	100mV	±5%	
PSM03A-075	7.5V	0A	0.366A	100mV	±5%	
PSM03A-090	9V	0A	0.305A	100mV	±5%	
PSM03A-120	12V	0A	0.23A	200mV	±5%	

Note (1): This unit is terminated with Micro-B connector in place of standard DC Cable.

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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

<0.1W max. @ 115VAC at no load

OUTPUT:**Power**

2.75W Maximum

Efficiency

DOE Level VI

No-Load Power Saving

0.01W maximum at 115VAC

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

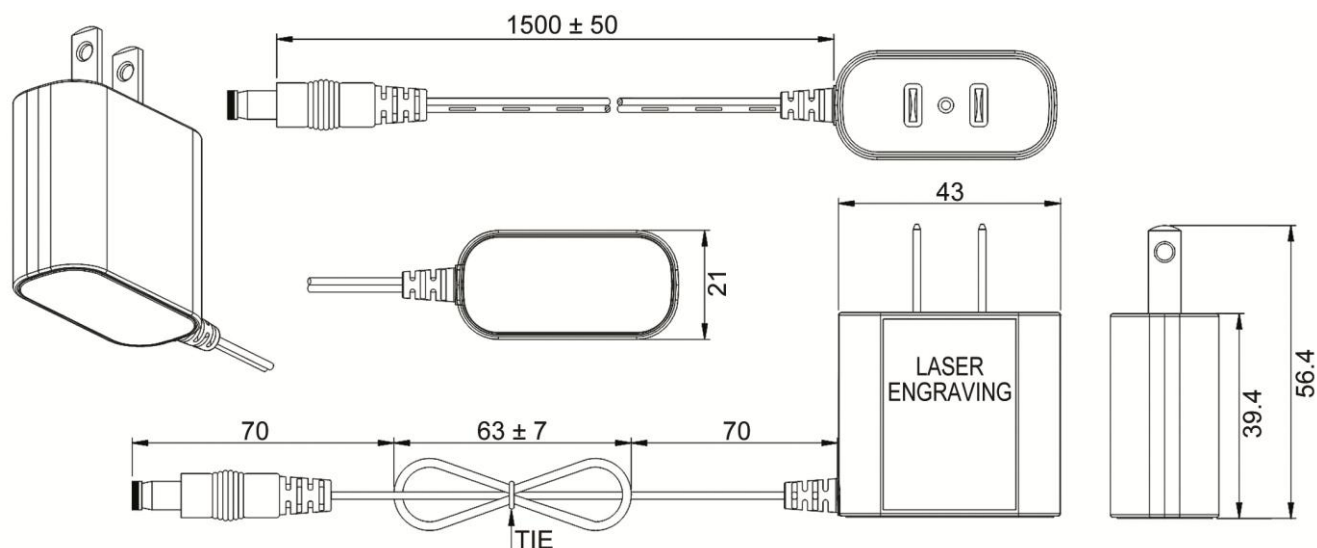
DC Cord

1500mm

DC Output

5.5mm x 2.1mm x 9.5 center positive barrel

PSM03A-050(M) has a Micro-B USB configured as USB DCP D+/D- shorted

Dimension Diagram Unit: mm

Mouser Electronics

Authorized Distributor

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Phihong:

[PSM03A-050-R](#) [PSM03A-075-R](#) [PSM03A-120-R](#) [PSM03A-100-R](#) [PSM03A-090-R](#) [PSM03A-050\(M\)](#)