



2.75W Compact Fixed Blade Charger with DC Cord



Features

- North America Fixed Blade AC Input
- CC & CV control
- Level VI Efficiency
- Class 2 Output per UL1310
- 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

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 ¹ P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSM03A-050	5V	0A	0.55A	100mV	±5%	
PSM03A-050(M) ²	5V	0A	0.55A	100mV	±5%	
PSM03A-075	7.5V	0A	0.366A	150mV	±5%	
PSM03A-090	9V	0A	0.305A	120mV	±5%	
PSM03A-120	12V	0A	0.229A	200mV	±5%	

Notes:

(1) Measured with by-pass capacitors 10uF electrolytic // 0.1uF ceramic capacitors across connector terminal with oscilloscope set at 20 MHz bandwidth

(2) 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

No-Load Power Saving

0.01W maximum at 115VAC

OUTPUT:**Power**

2.75W Maximum

Efficiency

DOE Level VI

ENVIRONMENTAL:**Temperature**

Operation 0 to +40°C

Non-operation -25 to +75°C

Humidity 10 to 90%

Immunity

ESD: EN61000-4-2. Level 4

Surge: EN61000-4-5. Level 4

Harmonic: EN61000-3-2

Flicker: EN61000-3-3

EMI

Complies with FCC Class B

Complies with EN55032 Class B

Dielectric Withstand (Hi-pot) Test

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

Insulation Resistance

Primary to Secondary: DC500V >7MΩ

FEATURES**Over-voltage Protection**

10V max. Auto restart

Short-circuit Protection

The output can be shorted without damage.

DC Cord

1500mm

DC Output Connector5.5mm x 2.1mm x 9.5 center positive barrel
(M) Model - Micro USB

Pin1: +5V

Pin2: Short

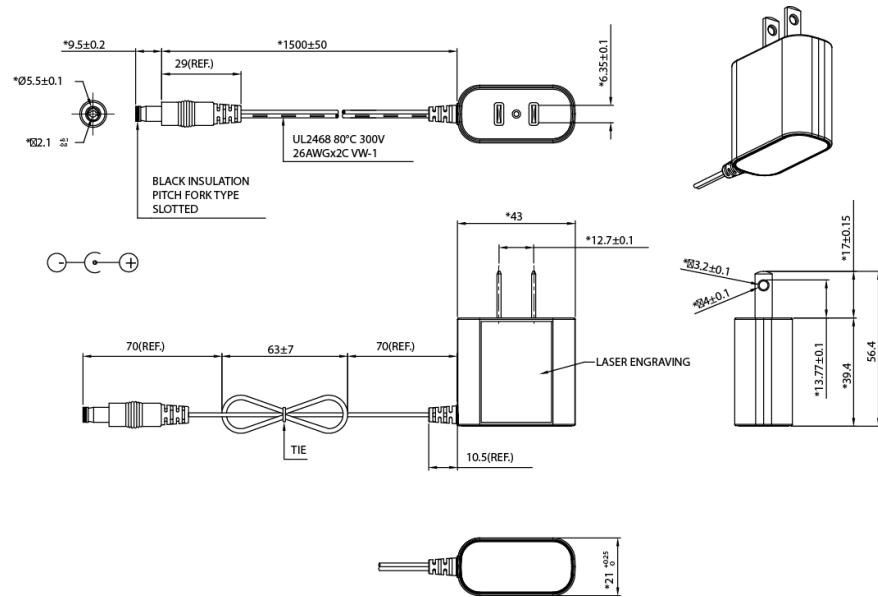
Pin3: Short

Pin4: N/C

Pin5: GND

PSM03A XXX

Dimension Diagram Unit: mm (inch)



PSM03A 050(M)

Dimension Diagram Unit: mm (inch)

