



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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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%
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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

Technical drawing of the Laser Engraving Unit (LEU) showing various views and dimensions:

- Top View:** Cable length 1500 ± 50 mm.
- Side View:** Width 43 mm, Height 21 mm.
- Front View:** Cable length 70 mm, Tie length 63 ± 7 mm, Cable length 70 mm.
- Bottom View:** Height 39.4 mm, Total height 56.4 mm.
- Label:** LASER ENGRAVING.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phihong:

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