



2.75W Compact Fixed Blade Charger (United Kingdom)



★★★★★
Standby Power



Features

- Fixed Blade
- CC & CV control
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Low Cost
- 5 Star Standby power <0.03W
- No Y Cap
- Halogen Free

Applications

- MPEG Players
- PDA
- Personal Electronics
- Digital Camera

Safety Approvals

- CE
- CB
- IEEE1725 Approved

Mechanical Characteristics

- Length: 49mm (1.93in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSM03K-050Q	5V	0A	0.55A	100mV	±5%		Black
PSM03K-050Q-3W	5V	0A	0.55A	100mV	±5%		White

Note: (1) Measured after 10 minutes with by-pass capacitors 0.1uf // 10uf at output connector terminal and oscilloscope set at 20MHz.

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INPUT:**AC Input Voltage Rating**

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Current

0.1A(RMS) max.

Leakage Current

<20uA, 264VAC/63Hz

Input Power Saving $\leq 30\text{mW}$ @115VAC/230VAC**OUTPUT:****Power**

2.75W Maximum

EfficiencyMeets Level V Efficiency Requirements
63.7% minimum average efficiency**Over-voltage Protection**

<8.5V

ENVIRONMENTAL:**Temperature**

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity 90%

Immunity

ESD: EN61000-4-2. Level 4

Surge: EN61000-4-5. Level 4

Harmonic: EN61000-3-2

Flicker: EN61000-3-3

Emissions

Complies with FCC Class B

Complies with EN55032 Class B

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000VAC

Insulation Resistance

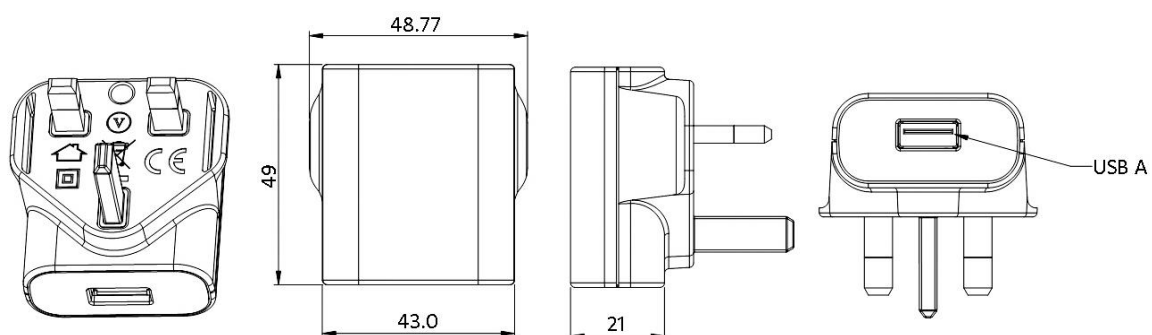
Primary to Secondary: 7M ohm 500VDC

DC Output Connector

USB A

D+ and D- pins shorted together inside the charger

Dimension Diagram Unit: mm



Mouser Electronics

Authorized Distributor

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Phihong:

[PSM03K-050Q-H](#) [PSM03K-050Q-3-R](#) [PSM03K-050Q-3W-R](#)