



## 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 <sup>(1)</sup> 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**

&lt;20uA, 264VAC/63Hz

**Input Power Saving**

≤30mW @115VAC/230VAC

**OUTPUT:****Power**

2.75W Maximum

**Efficiency**

Meets Level V Efficiency Requirements

63.7% minimum average efficiency

**Over-voltage Protection**

&lt;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

