



2.75W Compact Fixed Blade Charger (Australia/New Zealand)



★★★★★
Standby Power



Features

- Fixed Blade
- CC & CV control
- Level V Compliant
- Low Cost
- 5 Star Standby power <0.03W
- No Y Cap

Applications

- MPEG Players
- PDA
- Personal Electronics
- Digital Camera

Safety Approvals

- C-Tick
- SAA
- IEEE1725 Approved

Mechanical Characteristics

- Length: 42mm (1.65in)
- 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	
PSM03S-050Q-3	5V	0A	0.55A	100mV	±5%		Black
PSM03S-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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PSM03S Characteristics

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
≤75mW @ 115VAC/230VAC

OUTPUT:

Power
2.75W Maximum

Efficiency
Meets 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

MTBF

200K hours minimum at 120VAC, max load
(measured at ambient 25°C)

DC Output Connector

USB A
D+ and D- pins shorted together inside the
charger

Dimension Diagram Unit: mm

