



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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2.75W Compact Fixed Blade Charger EISA Compliant Level V Efficient USB Adapter



★★★★★
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

- cUL/UL
- IEEE1725 Approved

Mechanical Characteristics

- Length: 42mm (1.65in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)
- Weight: 80g (3oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSM03A-050Q	5V	0A	0.55A	100mV	±5%	

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

0.25mA max. @ 230VAC

Inrush Current (cold)

<30A for 120VAC at max. load

<60A for 240VAC at max. load

(Cold start @ ambient 25°C)

Input Power Saving

<0.15W max. @ 230VAC at no load

OUTPUT:

Power

2.75W Maximum

Efficiency

Meets Level V Efficiency Requirements

63.7% minimum average efficiency

No-Load Power Saving

0.03W maximum at 115VAC/230VAC

Hold-up Time

10mS min. @ 120VAC and max. load

Over-voltage Protection

>120%, Zener Clamp

ENVIRONMENTAL:

Temperature

Operation -10 to +40°C

Non-operation -40 to +85°C

Humidity

Operation 10 to 90%

Immunity

ESD: EN61000-4-2. Level 4

Surge: EN61000-4-5. Level 4

Harmonic: EN61000-3-2

Flicker: EN61000-3-3

Emissions

FCC Class B

EN55022 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

