



5 WATT – COMPACT FOLDING BLADE ADAPTER PSA05F Adapter Meets EISA and ENERGY STAR Requirements



Preliminary

★★★★★
Standby Power

Features

- Folding Blades
- CC & CV control
- EPS 2.0 (Efficiency Level V) *
- 15mm thick with blades folded
- 5 Star Standby power <0.03W

Applications

- MPEG Players
- PDA
- Personal Electronics
- Digital Camera

Safety Approvals (Pending)

- cUL/UL
- IEEE1725 Approved
- CE

Mechanical Characteristics

- Length: 60mm (2.36in)
- Width: 47mm (1.85in)
- Height: 15.0mm (0.59in)
- Weight: 80g (3oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSA05F-050Q	5V	0A	1.0A	100mV	±5%		Ⓥ

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

INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Current
0.25A(RMS) max. @ 120VAC
0.125A(RMS) max. @ 240VAC

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
0.03W max. @ 230VAC at no load

OUTPUT:
Efficiency
≥ 72.3% average efficiency

Hold-up Time
10mS min. @ 120VAC and max. load

Over-voltage Protection
>120%, Zener Clamp

ENVIRONMENTAL:

Operation 0 to +40°C
Non-operation -25 to +85°C

Humidity
Operation 10 to 90%

Immunity
ESD: EN61000-4-2. Level 3
RS: EN61000-4-3. Level 2
EFT: EN61000-4-4. Level 2
Surge: EN61000-4-5. Level 3
CS: EN61000-4-6. Level 2
Voltage Dips EN61000-4-11
Harmonic: EN61000-3-2

Emissions
FCC Class B
EN55022 Class B

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000VAC

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

Dimension Diagram Unit: mm