



## 5 Watt – Compact Folding Blade Adapter PSA05F Adapter Meets EISA and ENERGY STAR Requirements



### Features

- Folding Blades
- CC & CV Control
- ErP Directive 2009/125/EC level 2 annex 1b Compliant
- 15mm Thick with Blades Folded
- 5 Start Standby Power < 0.03W
- EPS 2.0 (Efficiency Level V)\*

### Applications

- MPEG Players
- PDA
- Personal Electronics
- Digital Camera

### Safety Approvals (PENDING)

- cUL/UL
- IEEE1725 Approved
- C-Tick
- CE
- SAA

### 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 <sup>(1)</sup> P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSA05F-050Q-H	5V	0A	1.0A	100mV	±5%	V

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

**Input:****AC Input Voltage Rating**

100 to 240V AC

**AC Input Voltage Range**

90 to 264V AC

**AC Input Frequency**

47 to 63Hz

**Input Current**

0.3A (RMS) maximum

**Input Power Saving**

&lt; 0.03W

**Output:****Power**

5W continuous

**Efficiency**

68% minimum; CEC level V

**Ripple and Noise**

100mV

**Power Saving Mode**

&lt;30mW at 115V AC/230V AC and no load

**Over-Current Protection**

1.1A maximum

**Over-Voltage Protection**

8.5V DC maximum, Zener Clamping

**Short-Circuit Protection**

Output can be shorted permanently without damage

**Interchangeable Clips**

FPBAG-H (Europe, UK, Australia)

FPE-H (Europe)

FPK-H (UK)

FPS-H (Australia)

**Environmental:****Temperature**

Operation

0 to +40°C

Non-operation

-40 to +85°C

Relative Humidity

10 to 90%

**Emissions**

FCC Class B part 15

EN55022 Class B

**Immunity**

EN61000-4-2

Level 4

EN61000-4-5

Level 4

Harmonic: EN61000-3-2 Class A

Flicker: EN61000-3-3

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000V AC for 1 min., 10mA

**Insulation Resistance**

Primary to Secondary: 7 M ohm 500V DC

**Reliability**

MTBF: 200K hours minimum at 120V AC and max load at 25°C ambient temperature.

**DC Output Connector**

USB Type A

**Dimension Diagram Unit: mm**