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[Phihong USA](#)
[PSA05F-050QAL6](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

WWW.PHIHONG.COM



5 Watt F-Series Adapter with Interchangeable AC Clips Battery Charging Adapter Meets Level VI Efficiency Requirements



Features

- Folding Blades
- Constant Current for Battery Charging
- 15mm Thick with Blades Folded
- Limited Power Source (LPS)
- Interchangeable AC Clips
- Level VI Efficiency Compliant
- No load power draw <75mW

Applications

- Tablets
- Networking Equipment
- Personal Electronics
- Peripherals

Safety Approvals

- cUL/UL
- RCM⁽¹⁾
- CE

Mechanical Characteristics

- Length: 60mm (2.36in)
- Width: 47mm (1.85in)
- Height: 15.0mm (0.59in)
- Weight: 38.5g (1.36oz)

Output Specifications

Model	DC Output Voltage			Load		Efficiency Level
	Min.	Typ.	Max.	Min.	Max.	
PSA05F-050QAL6	4.90V	5V	5.25V	0A	1A	VI
PSA05F-050QAL6D ⁽²⁾	4.85V	5V	5.25V	0A	1A	VI

Notes (1): Registration by Local Representative may be needed.

(2): D model output to compensate for DC drops in the USB cable by 180mV at full load

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PSA05F Characteristics

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INPUT:

AC Input Voltage Range

85 to 264V AC

AC Input Voltage Rating

100 to 240V AC

AC Input Frequency

47 to 63Hz

AC Input Current

150mA RMS maximum at 120V

80mA RMS maximum at 230V

Leakage Current

80uA maximum at 240V

Inrush Current

25A at 230V

OUTPUT:

Output Power

5W Continuous

Efficiency

DOE Level VI

EU CoC Rev5 Tier 1

Standby Power

<75mW at 230VAC/50Hz

Ripple and Noise

100mVp-p at

ENVIRONMENTAL:

Temperature

Operating 0 to +45C

Non-operating -40 to +70C

Humidity 5 to 95%

EMI

FCC Class B, EN55022 Class B

Immunity

ESD: EN61000-4-2 Level 4

Radiated: EN61000-4-3 Level 2

EFT: EN61000-4-4 Level 2

Surge: EN61000-4-5 Level 3

C/T: EN61000-4-6 Level 2

PFMT: EN61000-4-8

VDT: EN61000-4-11

Harmonic: EN61000-3-2 Class A

Flicker: EN61000-3-3

Dielectric Withstand (HI-POT) Test

Primary to secondary: 3000V AC, 10mA, 60 seconds

Insulation Resistance

Primary to secondary: 500V >7M OHM

FEATURES:

Over Voltage Protection

Auto-restart 6.5V maximum

Short Circuit Protection

Must withstand continuous short circuit

Over Current Protection

Auto restart

DC Output

USB A

AC Input

US Fixed Blade folding prong

Interchangeable AC Clips (fit over US prongs)

FPBAG (FPE, FPK, FPS)

FPB: Brazil FPI: India

FPC: China FPK: UK

FPE: Europe FPN: Argentina

FPH: Korea FPS: Australia

(Sold Separately)

Dimension Diagram Unit: mm

