



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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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

