



10 Watt F-Series Adapter with Interchangeable AC Clips Battery Charging Adapter Meets Level V Efficiency Requirements



Features

- Folding Blades
- Constant Current for Battery Charging
- 15mm Thick with Blades Folded
- Interchangeable AC Clips
- Level V Efficiency Compliant
- No load power draw <0.15W

Applications

- Tablets
- Networking Equipment
- Personal Electronics
- Peripherals

Safety Approvals

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

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.	
PSA10F-050Q	4.75V	5V	5.25V	0A	2A	V
PSA10F-050Q(D) ¹	4.75V	5V	5.25V	0A	2A	V

Notes (1): D model output to compensate for DC drops in the USB cable by 400mV at full load

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INPUT:

AC Input Voltage Range
90 to 264V AC

AC Input Voltage Rating
100 to 240V AC

AC Input Frequency
47 to 63Hz

AC Input Current
0.3A RMS maximum at 120V AC
0.15A RMS maximum at 240V AC

Leakage Current
100uA maximum at 240V AC

Inrush Current
60A at 240V AC

OUTPUT:
Output Power
10W Continuous

Efficiency
79% minimum, meets Level V Requirements

Standby Power
<150mW at 230VAC

Ripple and Noise
100mVp-p at 0A-1A load
200mVp-p at 1A-2A load

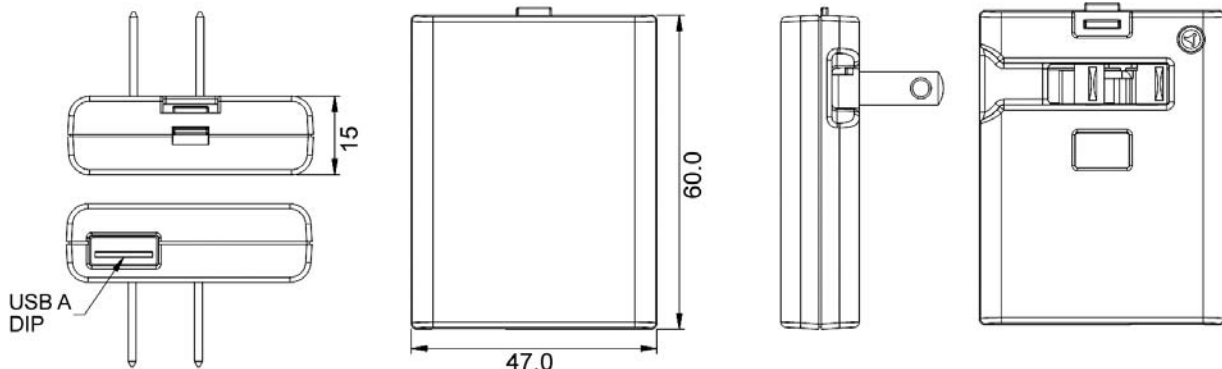
Current Limit
2.5A when less than 3V (auto-restart)

ENVIRONMENTAL:

Temperature

Operating	0 to 40C
Non-operating	-40 to +85C
Humidity	10 to 90%

Dimension Diagram Unit: mm



EMI

FCC Class B, EN55022 Class B

Immunity

ESD:	EN61000-4-2	Level 3
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 6.3V maximum

Short Circuit Protection
Must withstand continuous short circuit

Over Temperature Protection
Auto shutdown without fault

DC Output
USB A

AC Input
US Fixed Blade folding prong

Interchangeable AC Clips (fit over US prongs)
FPBAG-H (FPE, FPK, FPS)

FPB:	Brazil	FPI:	India
FPC:	China	FPK:	UK
FPE:	Europe	FPN:	Argentina
FPH:	Korea	FPS:	Australia

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