



## 10 Watt F-Series Adapter Supports Interchangeable AC Clips



### Features

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

### Applications

- Tablets
- Networking Equipment
- Personal Electronics
- Peripherals

### Safety Approvals

- cUL/UL
- RCM
- CCC<sup>3</sup>
- CE
- CB

### 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	
	Min.	Typ.	Max.	Min.	Max.
PSA10F-050Q-R	4.75V	5V	5.25V	0A	2A
PSA10F-050Q(D)-R <sup>1</sup>	4.75V	5V	5.25V	0A	2A
PSA10F-050Q(S)-R <sup>2</sup>	4.75V	5V	5.25V	0A	2A
PSA10FC-050Q-R <sup>3</sup>	4.75V	5V	5.25V	0A	2A

Notes (1): D model output to compensate for DC drops in the USB cable by 400mV at full load  
 (2): S model output to compensate for DC drops in the USB cable by 400mV and has termination resistors suitable for Apple products\* \*Apple is a trademark of Apple Corporation  
 (3): China Model – CCC approval only

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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**

DOE Level VI; EU CoC Ver 5 Tier 1

**Standby Power**

&lt;100mW

**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%

**EMI**

Complies with FCC Class B

Complies with EN55032 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 &gt;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

\*China Fixed Blade folding prong PSA10FC-050Q

**Interchangeable AC Clips (fit over US prongs) Sold Separately**

FPBAG: FPE, FPK, FPS

FPB: Brazil

FPE: Europe

FPH: Korea

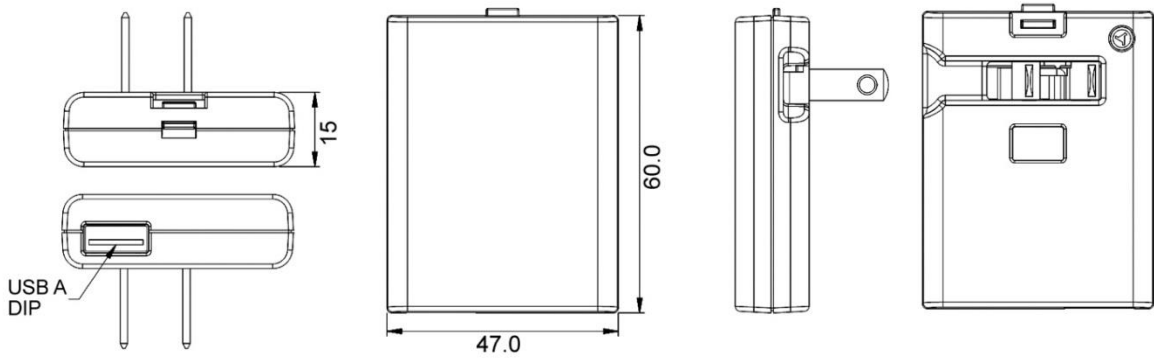
FPI: India

FPK: UK

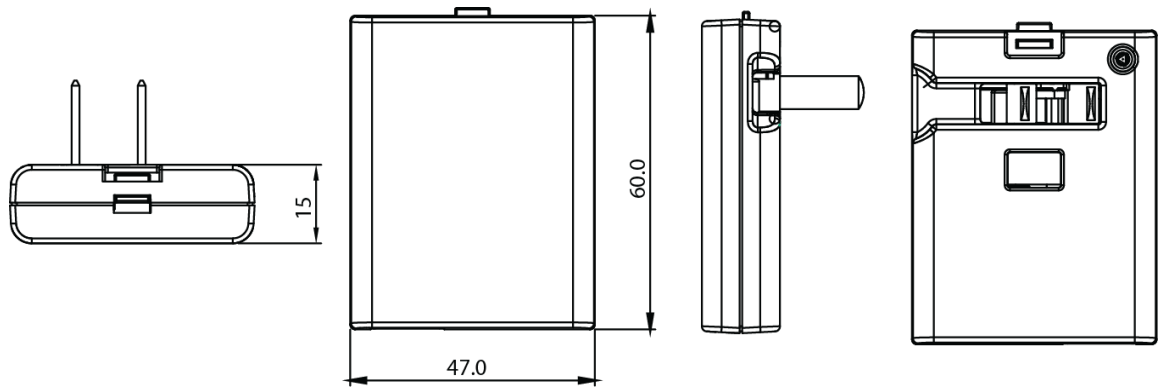
FPN: Argentina

FPS: Australia

**PSA10F-050Q** **Dimension Diagram Unit: mm**



**PSA10FC-050Q** **Dimension Units:mm**



**Supplier's Declaration of Conformity  
47 CFR § 2.1077 Compliance Information**

**PSA10F-050Q-R  
PSA10F-050Q(D)-R  
PSA10F-050Q(S)-R**

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NOTE: The models above have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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