



10W Compact Fixed Blade Charger Level VI Efficient USB Adapter



Features

- Fixed Blade
- Very low leakage
- Level VI Compliant
- Low Cost
- 5 Star Standby power <0.03W
- OVP, OCP and short circuit protection

Applications

- Tablets
- Portable GPS Devices
- Personal Electronics
- Digital Camera

Safety Approvals

- cUL/UL
- CB
- BSMI
- PSE

Mechanical Characteristics

- Length: 47.5mm (1.88in)
- Width: 37.8mm (1.48in)
- Height: 22.4mm (0.87in)
- Weight: 40g (1.41oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ¹ P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSAA10A-050QL6A	5V	0A	2.0A	150mV	±5%	
PSAA10A-050QL6W ²	5V	0A	2.0A	150mV	±5%	

Note: (1) Measured after 10 minutes with by-pass capacitors 0.1uf // 10uf at output connector terminal and oscilloscope set at 20MHz.

(2) Model in white in place of standard black

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INPUT:**AC Input Voltage Rating**

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Current

0.28A (RMS) maximum at 115VAC input

0.16A (RMS) maximum at 230VAC input

Leakage Current20 μ A maximum @254Vac/50Hz**Inrush Current (cold)**

<60A for 240VAC at max. load

(Cold start @ ambient 25°C)

Input Power Saving $\leq 75\text{mW}$ @no load at 230Vac/50Hz**OUTPUT:****Power**

10W Continuous

Efficiency

DOE Level VI

Hold-up Time

6mS minimum at 115Vac/60Hz

Temperature

Operation

0 to +40°C

Non-operation

-20 to +70°C

Humidity

10 to 90%

Immunity

ESD: EN61000-4-2.

RS: EN61000-4-3 Level 2

EFT: EN61000-4-4 Level 2

Surge: EN61000-4-5. Level 3

Dip: EN61000-4-11 Level 3

Harmonic: EN61000-3-2

Flicker: EN61000-3-3

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 4250VDC for 1 minute 5mA

Insulation Resistance

Primary to Secondary: >10M ohm 500VDC

FEATURES**Over-voltage Protection**

Output voltage shall not exceed 8V

Over-current Protection

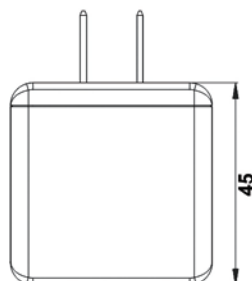
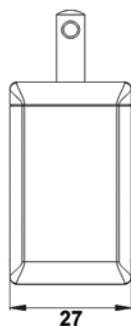
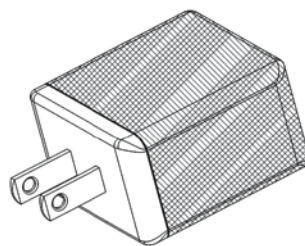
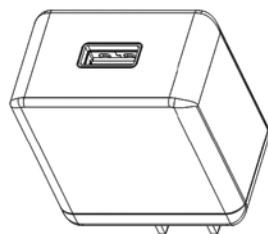
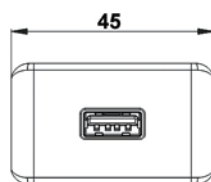
Output current shall not exceed 3A

Short Circuit Protection

Auto recovery and no component damage

DC Output Connector

USB A

Dimension Diagram Unit: mm

Mouser Electronics

Authorized Distributor

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Phihong:

[PSAA10A-050QA](#) [PSAA10A-050QW](#)