



5W Compact Fixed Blade Power Adapter (North America) Level VI Efficiency Compliant USB Adapter



Features

- Fixed Blade
- Halogen Free
- Level VI Compliant
- Low Cost
- No Load Power Draw <0.03W
- Low Profile

Applications

- Smart Phones
- PDAs
- Personal Electronics
- Digital Cameras

Safety Approvals

- cUL/UL
- PSE
- BSMI
- RCM
- CB

Mechanical Characteristics

- Length: 42mm (1.65in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)
- Weight: 80g (3oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (Max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSA05A-050QL6	5V	0A	1A	200mV	±5%		Black
PSA05A-050QL6W	5V	0A	1A	200mV	±5%		White

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

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INPUT:**AC Input Voltage Rating**

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Current

0.15A(RMS) max.

Leakage Current5 μ A maximum**Input Power Saving**

<30mW max

OUTPUT:**Power**

5W Continuous

Efficiency

DOE Level VI

No-Load Power Saving

<30mW at 115VAC/230VAC. No load after burn in 15 minutes.

Hold-up Time

10mS min. @ 120VAC and max. load

Short Circuit Protection

Auto-restart

Temperature

Operation

0 to +40°C

Non-operation

-40 to +85°C

Operation

10 to 90%

Immunity

ESD: EN61000-4-2. Level 3

Surge: EN61000-4-5. Level 3

Emissions

FCC Class B

EN55022 Class B

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000VAC, 10mA for 1

minute. Primary to Secondary: 3300VAC, 10mA, 3

seconds for production line test

Insulation Resistance

Primary to Secondary: 10M ohm 500VDC

MTBF

100K hours minimum at 120VAC, max load

(measured at ambient 25°C)

DC Output Connector

USB A

Dimension Diagram Unit: mm