



5W USB Interchangeable Plug* Adapter



*Plugs sold separately

Features

- USB Socket
- Field Changeable AC Plugs
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Low Leakage Current
- UL 94 V0 Flammability
- DOE Level VI Compliance

Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- Networking

Safety Approvals

- cUL/UL
- RCM²
- CE
- CB

Mechanical Characteristics

- Length: 76.1mm (2.99in)
- Width: 35.6mm (1.4in)
- Height: 30.8mm (1.21in)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSAI05R-050QL6	5V	0A	1A	200mV	±5%

(1) Measured by using a 12-inch twisted pair terminal with a 10uF EC capacitor and a 0.1uF ceramic in parallel, measured at max load.

(2) Registration by the country local representative may be required

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INPUT:**AC Input Voltage Rating**

100 to 240V AC

AC Input Voltage Range

90 to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

0.3A (RMS) max for 115Vac/max load

0.15A (RMS) max for 230Vac/max load

Leakage Current

0.02mA max for 240V AC, 50Hz

Inrush Current

45A max at 240V AC

(Cold start at ambient 25°C)

OUTPUT:**Output Power**

5W

Efficiency

DOE Level VI and CoC V5 tier 2

ENVIRONMENTAL:**Temperature**

Operation 0 to +50°C

Non-operation -40 to +85°C

Relative Humidity 90% RH Max

Emissions

Complies with FCC Class B

Complies with EN55022 Class B

AS / NZS 3548

Immunity

ESD: EN50082-1: EN 61000-4-2, Level 4

Air discharge $\pm 15\text{KV}$ Contact $\pm 8\text{KV}$

Surge: EN 61000-4-5, Level 2 1KV

RS : EN61000-4-3, Criteria A

CS : EN61000-4-6, Criteria A

Voltage Dips : EN61000-4-11, Criteria A

Over-Voltage Protection

7.2V DC maximum

Over-Current Protection

5A maximum

Short-Circuit Protection

The output can be shorted permanently without damage whenever it operates within input voltage range and temperature range specified in this specification. Output current not exceed 950mA(RMS).

Dielectric Withstand (Hi-pot) Test

Pri. to Sec. 3000VAC 10mA for 1 Minute

DC Output Connector

USB Type A

AC Input Clips (sold separately)

RPA – US

RPB – Brazil

RPC – China

RPE – Europe

RPH – Korea

RPI – India

RPK – UK

RPN – Argentina

RPS – Australia

RPX – IEC320 C8

