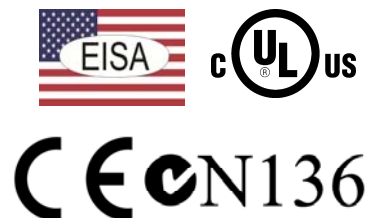




5W Interchangeable Plug Series PSA05R Adapter Meets CEC and EISA Requirements



Features

- Double Insulated
- Field Changeable AC Plugs
- Efficiency Level IV Compliance
- Low Leakage Current
- Low Cost
- Class B EMI

Applications

- MP3 Players
- PDAs
- Personal Electronics
- Digital Cameras

Safety Approvals

- cUL/UL
- SAA
- CE (9V Model Only)
- C-Tick

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 31mm(1.22in)
- Weight: 120g (4oz)

Output Specifications

Model ⁽¹⁾	DC Output Voltage	Load		Ripple ⁽²⁾ P-P (max.)	Regulation		Efficiency Level ⁽³⁾
		Min.	Max.		Line	Load	
PSA05R-033-R	3.3V	0A	1.2A	50mV	±1%	±5%	IV _{115V AC} III
PSA05R-050-R	5V	0A	1.0A	50mV	±1%	±5%	IV
PSA05R-090-R	9V	0A	0.56A	90mV	±1%	±5%	V
PSA05R-120-R	12V	0A	0.42A	120mV	±1%	±5%	IV

Notes: (1) Minimum order quantities of 1600 pieces apply. These units may no longer be shipped to the European Union for commercial or consumer purposes.

(2) Measured after 10 minutes with by-pass capacitors 0.1uF // 10uF at output connector terminal.

(3) Only level V efficient products qualify for CE marking allowing them to be sold to countries in the EU

Interchangeable clips sold separately.

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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

0.25A (RMS) maximum at 120V AC

0.125A (RMS) maximum at 240V AC

Leakage Current

<0.25mA maximum at 254V AC

Inrush Current

30A for 120V AC at maximum load

60A for 240V AC at maximum load

(Cold start at ambient 25°C)

Input Power Saving

0.3W maximum for 9V model

0.5W maximum for 3.3V, 5V and 12V models

Output:**Efficiency**

≥70% average efficiency for 9V model

≥64.5% average efficiency for 5V and 12V models

≥62.4% average efficiency at 115V AC, ≥61.4% average efficiency at 230V AC for 3.3V model

Environmental:**Temperature**

Operation 0 to +40°C

Non-operation -25 to +85°C

Humidity 10 to 90%

EMI

FCC Class B

EN55022 Class B

Immunity

EN61000-4-2 Level 3

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level 3

EN61000-4-6 Level 3

EN61000-4-11

Harmonic

EN61000-3-2

Flicker

EN61000-3-3

Hold-up Time

10mS minimum at 120V AC and maximum load

Over-Voltage Protection

< 120%, Zener Clamp

Short-Circuit Protection

>120% auto restart

MTBF

150K hours minimum at full load and 110V AC, 60Hz (measured at ambient 25°C)

Dielectric Withstand (Hi-pot) Test

Input to Output: 3000V AC for 1 min., 10mA

DC Output Connector

2.1 x 5.5 x 9.5mm Center Positive Barrel Standard

AC Input Clips (Sold Separately)

RPA: US

RPI: India

RPB: Brazil

RPK: UK

RPC: China

RPN: Argentina

RPE: Europe

RPS: Australia

RPH: Korea

RPX: IEC320 C8

Dimension Diagram Unit: mm (inch)