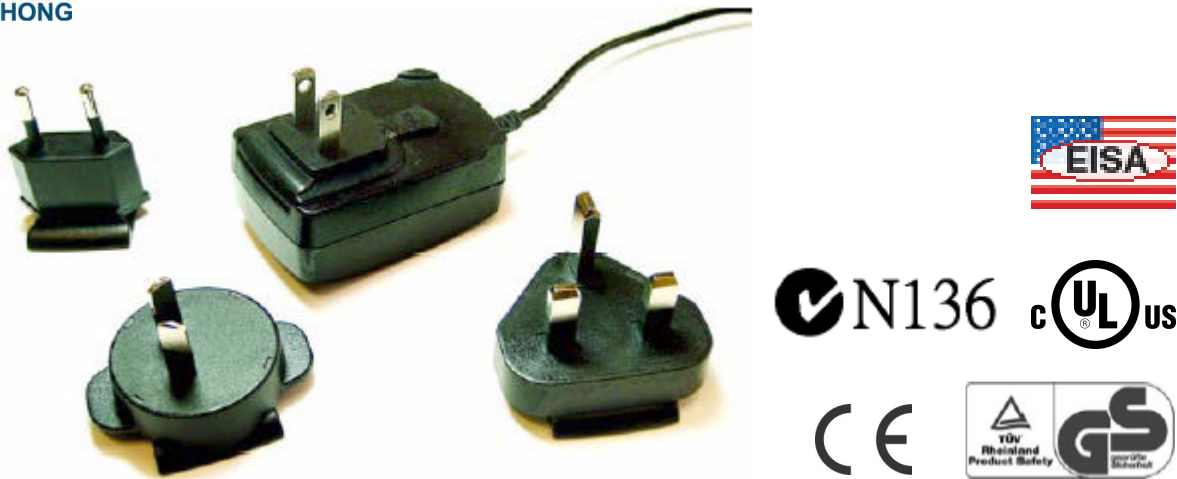




## 5W Interchangeable Plug Series PSA05R Adapter Meets CEC and EISA Requirements



### Features

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

### Applications

- MPEG Players
- PDAs
- Personal Electronics
- Digital Cameras

### Safety Approvals

- cUL/UL
- TUV
- SAA
- CE
- C-Tick

### Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 29.7mm(1.17in)
- Weight: 120g (4oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSA05R-033	3.3V	0A	1.2A	50mV	±5%	IV <sup>115V AC</sup> III
PSA05R-050	5V	0A	1.0A	50mV	±5%	IV
PSA05R-090	9V	0A	0.56A	90mV	±5%	IV
PSA05R-120	12V	0A	0.42A	120mV	±5%	IV

Note: (1) Measured after 10 minutes with by-pass capacitors 0.1uF // 10uF at output connector terminal.

Interchangeable clips sold separately.

**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**

&lt;30A for 120V AC at maximum load

&lt;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

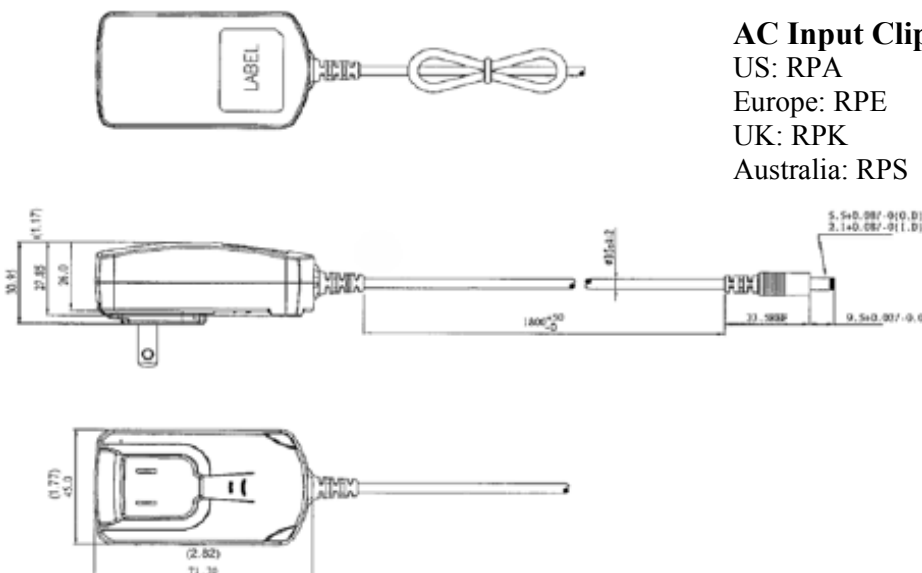
**Output:****Efficiency**

≥72.3% 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

**Dimension Diagram Unit: mm (inch)****Hold-up Time**

10mS minimum at 120V AC and maximum load

**Over-Voltage Protection**

&lt; 120%, Zener Clamp

**Short-Circuit Protection**

&gt;120% auto restart

**Environmental:****Temperature**

Operation 0 to +40°C

Non-operation -25 to +85°C

Humidity 10 to 90%

**Immunity**

61000-4-2 Level 3

61000-4-3 Level 2

61000-4-4 Level 2

61000-4-5 Level 3

61000-4-6 Level 3

61000-4-11

**Emissions**

FCC Class B

EN55022 Class B

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000V AC for 1 min., 10mA

Primary to F.G.: 1500V AC for 1 min., 10mA

**DC Output Connector**

21.5 x 5.5 mm Center Positive Standard

**Mating Connector**

Kycon KLD-0202-A or equivalent

**AC Input Clips (Sold Separately)**

US: RPA

Europe: RPE

UK: RPK

Australia: RPS