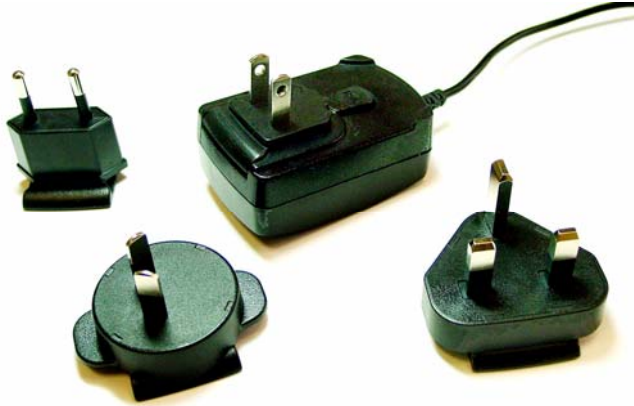




5W Interchangeable Plug Series PSA05R Adapter Meets CEC and EISA Requirements



Features

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

Applications

- MPEG Players
- PDA
- Personal Electronics
- Digital Camera

Safety Approvals

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

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 28.9mm (1.14in)
- Weight: 120g (4oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSA05R-033	3.3V	0A	1.2A	50mV	±5%		IV 115VAC III
PSA05R-050	5V	0A	1.0A	50mV	±5%		IV
PSA05R-090	9V	0A	0.56A	90mV	±5%		V
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.

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INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Current
0.25A(RMS) max. @ 120VAC
0.125A(RMS) max. @ 240VAC

Leakage Current
0.25mA max. @ 254VAC

Inrush Current (cold)
< 30A for 120VAC at max. load
< 60A for 240VAC at max. load
(Cold start @ ambient 25°C)

Input Power Saving (at no load)
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 115VAC, ≥ 61.4% average efficiency at 230VAC for 3.3V model

Hold-up Time
10mS min. @ 120VAC and max. load

Circuit Protection
> 120%, auto restart

Over-voltage Protection
> 120%, Zener Clamp

ENVIRONMENTAL:

Temperature
Operation 0 to +40°C
Non-operation -25 to +85°C

Humidity
Operation 10 to 90%

Emissions
FCC Class B
EN55022 Class B

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000VAC

DC Output Connector
2.1x5.5mm Center Positive Standard

Mating Connector
Kycon KLD-0202-A or equivalent

AC Input Clips (sold separately)
US: RPA
Europe: RPE
UK: RPK
Australia: RPS

Dimension Diagram Unit: mm (inch)

