

## PSA-05R



### 5 WATT INTERCHANGEABLE PLUG SERIES

#### Dimensions

Length: 71.7mm (2.82in)

Height: 28.9mm (1.14in)

Width: 45mm (1.77in)

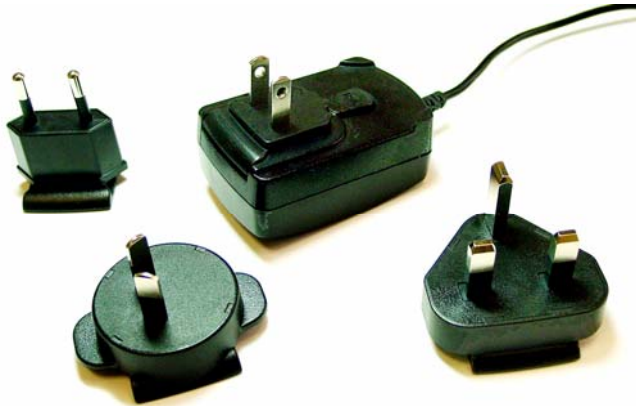
Weight: 120gm (4oz)

MODEL*	DC OUTPUT VOLTAGE	LOAD	
		Min.	Max.
PSA-05R-033**	3.3V	0A	1.2A
PSA-05R-050	5.0V	0A	1.0A
PSA-05R-090	9.0V	0A	0.56A
PSA-05R-120	12V	0A	0.42A
US Plug: RPA	n/a	n/a	n/a
UK Plug: RPK	n/a	n/a	n/a

Europe Plug: RPE	n/a	n/a	n/a
Australia Plug: RPS	n/a	n/a	n/a
All 4 Plugs: RPKit	n/a	n/a	n/a



## 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%		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.

## PSA05R Characteristics

### 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

0.5W maximum at no load

### OUTPUT:

#### Efficiency

> 64% average efficiency (5V, 9V, 12V)

> 62% average efficiency at 115VAC (3.3V)

#### 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)

