



5 Watt Interchangeable Plug Series PSA05R Adapter



Features

- Double Insulated
- Class B EMI
- Field Changeable AC Plugs
- Small Package Size

Applications

- PDA's
- Digital Cameras
- MPEG Players
- Personal Electronics

Safety Approvals

- cUL 60950
- CE
- PSE (<15V)
- TUV EN60950
- AS/NZS 4417 & 3260

Mechanical Characteristics

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

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max)	Regulation	
		Min.	Max.		Line	Load ⁽²⁾
PSA05R-033	3.3V	0A	1.2A	50mV	±1%	±5%
PSA05R-050	5.0V	0A	1.0A	50mV	±1%	±5%
PSA05R-090	9.0V	0A	0.56A	90mV	±1%	±5%
PSA05R-120	12V	0A	0.42A	120mV	±1%	±5%

Clip ordered separately. US Plug: RPA; UK Plug: RPK; Europe Plug: RPE; Australia Plug: RPS; All 4 Plugs: RPKit.

(1) Measured at full load by using a 12 inch twisted pair terminated with a 10 μ F capacitor and a 0.1 μ F ceramic in parallel.

(2) No load to Full Load, 1.8 meter (6ft) DC cord, measured at the plug.

(3) To receive product with PSE logo, please specify on purchase order. Special handling required during manufacturing.

INPUT:**AC Input Voltage**

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.25Arms (120VAC)

0.125Arms (240VAC)

AC Inrush Current (Cold)

30A max. (120VAC)

60A max. (240VAC)

Efficiency

60% minimum

OUTPUT:**Hold-up Time**

10ms Full load, 120VAC

Overvoltage Protection

Open Loop Fault Protection

Overcurrent Protection

>120%, Auto Restart

ENVIRONMENTAL:**Operation Temperature
(Convection)**

0 to 40°C

**Storage Temperature
(Convection)**

-25 to +85°C

Humidity

10 to 90% RH (Non-condensing)

Emissions

FCC Class B

EN 55022 B

Immunity

EN 50082-1: 1997

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

GENERAL:**Leakage Current**

<0.25mA (254VAC)

Dielectric Withstand (Hipot)

Input to Output

3000VAC, 1 min., 10mA

Switching Frequency

132KHz (typical)

MTBF (Full Load, 110VAC, 25°C)

150K Hrs.

MIL-HDBK-217F

AC Input Plugs

(Order Separately)

USA: RPA

Europe: RPE

UK: RPK

Australia: RPS

DC Output Cord/Connector

1.8meter

2.1mm x 5.5mm x 9.5mm Coaxial

Plug; Center Positive Standard

