



10W Interchangeable Plug Series PSM11R Adapter Series Meets CEC and EISA Requirements



Features

- Double Insulated
- Field Changeable AC Plugs
- ECO Compliance
- 5% NL-FL Regulation
- Class B EMI
- Low Leakage Current
- Low Cost
- Level V Efficiency Compliance
- EISA Energy Efficiency Compliance

Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

Safety Approvals

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

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 29.79mm (1.17in)
- Weight: 128g (4.51oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSM11R-050	5V	0A	2.0A	100mV	±5%	IV
PSM11R-090	9V	0A	1.1A	100mV	±5%	V
PSM11R-120	12V	0A	0.83A	120mV	±5%	V

(1) Measured after 10 minutes warm up at 25°C with 12-inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

Interchangeable Slips 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

0.3A (RMS) maximum at 120V AC
0.15A (RMS) maximum at 240V AC

Leakage Current

20uA maximum at 254V AC

Inrush Current

40 to 60A for 120V AC at maximum load (varies in voltage) (Cold start at ambient 25°C)

Input Power Saving

0.3W maximum at no load

Output:

Efficiency

>70.7% average efficiency for 5V model
>76.6% average efficiency for 9V and 12V models

Hold-up Time

10mS minimum at 120V AC and maximum load

Over-Voltage Protection

>120%, Zener clamping

Short-Circuit Protection

>120%, auto restart

Environmental:

Temperature

Operation 0 to +50°C
Non-operation -20 to +75°C
Humidity 0 to 90%

Emissions

FCC Class B
EN55022 Class B

Immunity

EN50082-1: (EN55024)
EN61000-4-2 Level 4
EN61000-4-3 Level 2
EN61000-4-4 Level 2
EN61000-4-5 Level 3
EN61000-4-6 Level 2
EN61000-4-8 Level 1
EN61000-4-11

Dielectric Withstand (Hi-pot) Test

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

DC Output Connector

2.1 x 5.5mm Center Positive Barrel

Mating Connector

Kycon KLD-0202-A or equivalent

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

