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

Features

- Double Insulated
- Field Changeable AC Plugs
- ECOC Compliance
- 5% NL-FL Regulation
- Low Leakage Current
- Low Cost
- Efficiency Level IV Compliance
- Class B EMI

Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

Safety Approvals

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

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 29.79mm (1.17in)
- Weight: 128g (4.52oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSM11R-050	5V	0A	2.0A	100mV	±5%		IV
PSM11R-090	9V	0A	1.1A	100mV	±5%		IV
PSM11R-120	12V	0A	0.83A	120mV	±5%		IV

Note: (1) Measured with by-pass capacitors 0.1uf/10uf at output connector terminal and oscilloscope set at 20 mHz. (Tested by oscilloscope after waiting 1 minute)

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PSM11R Characteristics

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INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Frequency
47 to 63 Hz

AC Input Current
0.3A(RMS) max. @ 120VAC
0.15A(RMS) max. @ 240VAC

Leakage Current
20uA max. @ 254VAC

Inrush Current (Cold)
40-60A for 120VAC at max. load (varies in voltage)
(Cold start @ ambient 25°C)

Input Power Saving
0.5W maximum at no load

OUTPUT:

Efficiency
>70.7% average efficiency

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

Short Circuit Protection
>120%, auto restart

Over Voltage Protection
>120%, Zener Clamp

ENVIRONMENTAL:

Temperature

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

Humidity

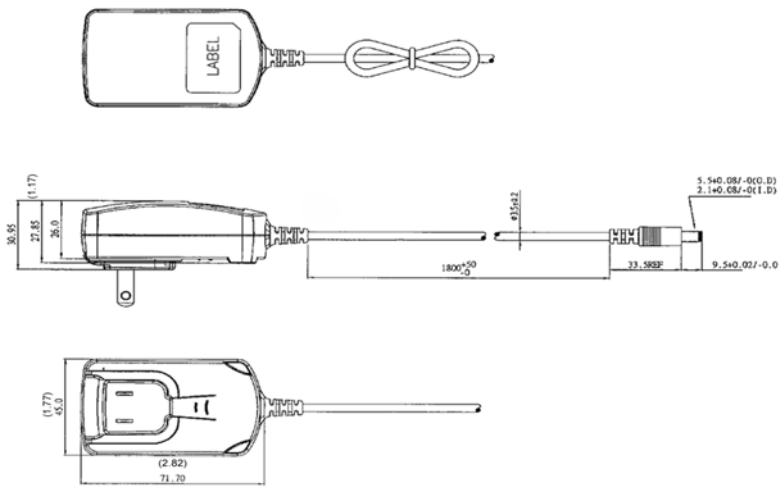
Operation	0 to 90%

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)