



20 Watt Interchangeable Plug Series



Interchangeable Clips Sold Separately



Features

- Efficiency Level VI Compliant
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC Level 2 annex 1b Compliant
- No-load Power Saving
- High Efficiency
- Compact Size
- Class II Double Insulated

Applications

- Peripherals
- Gaming Machines
- Point of Sale Equipment
- Network Equipment

Safety Approvals

- UL/cUL 60950-1
- CE
- CB
- SAA+C-TICK+MEPS

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.97in)
- Height: 33.25mm (1.31in)
- Weight: 120g (4.23oz)

Output Specifications

Model	DC Output Voltage	Load		Regulation		Ripple ¹ P-P(max)	Output Power
		Min.	Max.	Line	Load		
PSAA20R-120L6	12V	0A	1.67A	±5%		120mV	20W
PSAA20R-240L6	24V	0A	0.83A	±5%		240mV	20W
PSAA20R-480L6	48V	0A	0.42A	±5%		480mV	20W

Notes:1- Measured by using a 12 inch twisted pair terminated with 10uF capacitor and a 0.1uF ceramic in parallel after 10 minutes warm up with maximum load

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Input:**AC Input Voltage Rating**

100 to 240V AC

AC Input Voltage Range

90V AC to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

0.5A (RMS) Max. @120VAC

0.25A (RMS) Max. @240VAC

Leakage Current

0.25mA maximum at 264V AC/60Hz

Inrush Current

40A Max. @120VAC

80A Max. @240VAC

(Cold start at ambient 25°C)

Input Power Saving $\leq 0.075\text{W}$ Max. @230VAC, 50Hz**Output****Efficiency**

DOE Level VI

Hold-up Time

10ms Min.@ full load 115VAC/ 60Hz

Over-Current Protection

Short circuit. Auto Restart.

Short-Circuit Protection

Output can be shorted permanently without damage

Over-Voltage Protection

<23Vpk

Environmental:**Temperature**

Operation 0 to +40°C

Non-operation -20 to +75°C

Humidity 20 to 90%

Emissions

Complies with FCC Class B

Complies with EN55032 Class B

Immunity

EN61000-4-2 Level 4

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level 2

EN61000-4-6 Level 2

EN61000-4-8 Level 1

EN61000-4-11

Dielectric Withstand (Hi-pot) Test

Pri to Sec: 3000 Vac or 4242 Vdc , 10 mA

1minute. 3600 Vac or 5090 Vdc , 10 mA

3Second.

DC Output Connector

12V & 24V: 5.5mm x 2.1mm x 9.5mm

48V: 5.5mm x 2.1mm x 10mm

DC Cord Length

1500mm

AC Input clips (sold separately):

RPA – US

RPB – Brazil

RPC – China

RPE – Europe

RPH – Korea

RPI – India

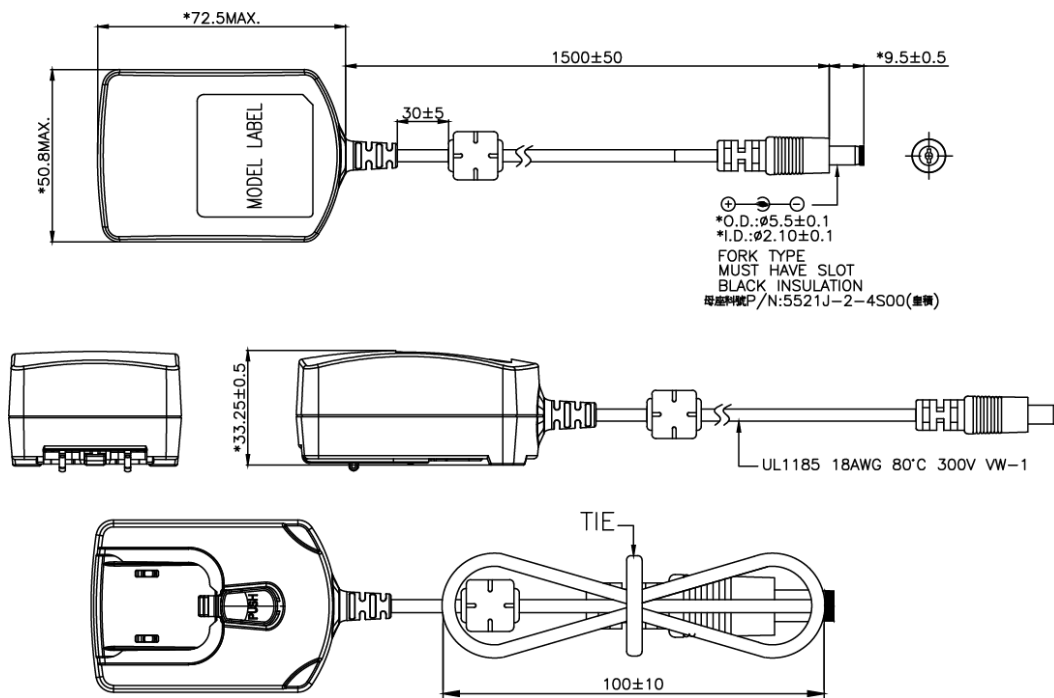
RPK – UK

RPN – Argentina

RPS – Australia

RPX – IEC320 C8

PSAA20R-120L6 & PSAA20R-240L6 Dimension Diagram Unit: mm (inch)



PSAA20R-480L6 Dimension Diagram Unit: mm (inch)

