



15 Watt Universal 2-Wire Input Desktop Adapter PSAA15W Single Output Series Meets Level V Requirements



Features

- No Load Power Saving <0.3W
- Efficiency Level V Compliance
- Class B EMI
- <0.25mA Leakage Current
- Compact Size

Applications

- Portable Equipment
- Peripherals and Terminals
- Low-Power Computers
- Networking

Safety Approvals

- CE
- cUL/UL

Mechanical Characteristics

- Length: 81.2mm (3.20in)
- Width: 50mm (1.97in)
- Height: 29.8mm (1.17in)
- Weight: 140g (4.94oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSAA15W-050V	5V	0A	3.00A	70mV	±5%	V
PSAA15W-120V	12V	0A	1.25A	120mV	±5%	V
PSAA15W-180V	18V	0A	0.83A	180mV	±5%	V
PSAA15W-240V	24V	0A	0.63A	240mV	±5%	V
PSAA15W-480V	48V	0A	0.31A	480mV	±5%	V

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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

0.5A (RMS) maximum at 120V AC

0.25A (RMS) maximum at 240V AC

Leakage Current

0.25mA maximum

Inrush Current

30A for 120V AC at maximum load

60A for 240V AC at maximum load

(Cold start at ambient 25°C)

Input Power Saving

<0.3W maximum at no load

Output:
Efficiency

Meets requirements for Level V marking

Hold-up Time

10mS minimum at 120V AC and maximum load

Environmental:
Temperature

Operation 0 to +40°C

Non-operation -25 to +75°C

Humidity

20 to 90%

Emissions

FCC Class B

EN55022 Class B

Immunity

IEC61000-4-2

IEC61000-4-3

IEC61000-4-4

IEC61000-4-5

IEC61000-4-6

IEC61000-4-8

IEC61000-4-11

EN61000-3-2

Over Voltage Protection

By Zener clamping, adapter will be shut down

Over Current Protection

Output equipped with short circuit protection with auto restart

Short Circuit Protection

Output can be shorted without damage

Dielectric Withstand (Hi-pot) Test

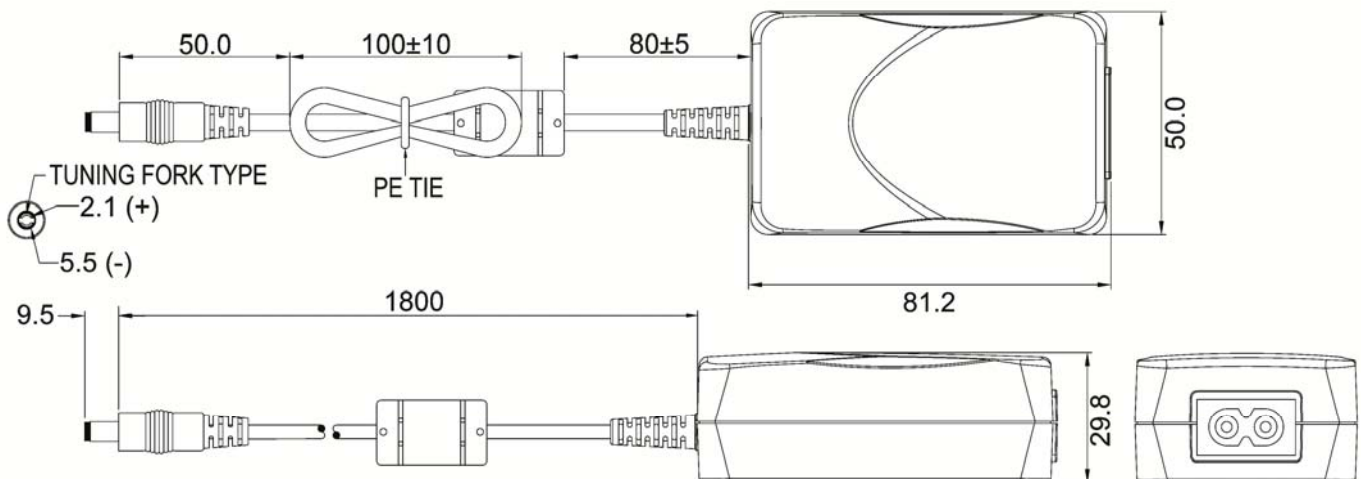
Primary to Secondary: 3000VAC for 1 minute, 10mA

DC Output Connector (Tuning Fork Type)

2.1 x 5.5 x 9.5mm Center Positive Standard

AC Input Connector

IEC320 C8

Dimension Diagram Unit: mm


Mouser Electronics

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CR4](#)