



15 Watt Universal 2-Wire Input Desktop Adapter PSAA15W Single Output Series Meets CEC and EISA Requirements



Features

- 0A Minimum Load
- Efficiency Level IV Compliance
- Class B EMI
- <0.25mA Leakage Current
- Compact Size

Applications

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

Safety Approvals

- cUL/UL
- CE
- TUV
- Meeting Cal. Prop. 65

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 (1) P-P (max.) | Regulation Line & Load | Efficiency Level |
|-------------|-------------------|------|-------|-----------------------|------------------------|------------------|
| | | Min. | Max. | | | |
| PSAA15W-050 | +5V | 0A | 3.0A | 70mV | ±5% | IV |
| PSAA15W-120 | +12V | 0A | 1.25A | 120mV | ±5% | IV |
| PSAA15W-180 | +18V | 0A | 0.83A | 180mV | ±5% | IV |
| PSAA15W-240 | +24V | 0A | 0.63A | 240mV | ±5% | IV |
| PSAA15W-480 | +48V | 0A | 0.31A | 480mV | ±5% | IV |

(1) Measured by using a 12 inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

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INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Frequency
47 to 63Hz

Input Current
0.5A (rms) max. @ 120VAC
0.25A (rms) max. @ 240VAC

Leakage Current
0.25mA max.

Inrush Current (cold)
30A for 120VAC at max. load
60A for 240VAC at max. load
(Cold start @ ambient 25°C)

Input Power Saving
0.5W maximum at no load

OUTPUT:

Efficiency
> 74% average efficiency

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

Over Voltage Protection

By Zener clamping, adapter will be shut down

Over Current Protection

Output equipped with short circuit protection – auto restart

Short Circuit Protection

Output can be shorted without damage

ENVIRONMENTAL:

Temperature

Operation 0 to +40°C
Non-operation -25 to +75°C

Humidity

Operation 20 to 90%

Emissions

FCC Class B
EN55022 Class B

Dielectric Withstand (Hi-pot) Test

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

DC Output Connector

2.1x5.5mm Center Positive Standard

Mating Connector

Kycon KLD-0202-A or equivalent

Dimension Diagram Unit: mm

