



**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
- 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 <sup>(2)</sup>	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Regulation Line & Load	Efficiency Level <sup>(3)</sup>
		Min.	Max.			
PSAA15W-050	+5V	0A	3.00A	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

**Notes:**

- (1) Measured by using a 12 inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.
- (2) Minimum order quantity of 1500 pieces is required when ordering this model.
- (3) Units with Level IV Efficiency may no longer be shipped to the European Union for commercial or consumer purposes.

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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**

0.5W maximum at no load

**Output:**

**Efficiency**

>74% average efficiency

**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: 300V AC for 1 minute, 10mA

**DC Output Connector (Tuning Fork Type)**

2.1 x 5.5 x 9.5mm Center Positive Standard

**Mating Connector**

Kycon KLD-0202-A or equivalent

**AC Input Connector**

IEC320 C8

**Dimension Diagram Unit: mm**

