



## PSA-A15W



### 15 Watt CEC Compliant Adapter

PSAA15W Single Output Series

#### Dimensions

Length: 81.2mm (3.20in)

Height: 29.8mm (1.17in)

Width: 50mm (1.97in)

Weight: 140g (4.94oz.)

MODEL	DC OUTPUT VOLTAGE	LOAD	
		Min.	Max.
PSAA15W-050	5V	0A	3A
PSAA15W-120	12V	0A	1.25A
PSAA15W-180*	18V	0A	0.83A
PSAA15W-240	24V	0A	0.63A
PSAA15W-480	48V	0A	0.31A



# 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.

## PSAA15W Characteristics

### 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

