



- Class II Configuration
- Efficiency Level VI
- <100mW No Load Power Consumption
- Short Circuit Protection
- Overload Protection
- No Load Operation



## Electrical Specifications

### Input

Input Voltage	90-264VAC
Input Frequency	47-63 Hz
Input Current	1.2A Max.
Inrush Current	<30A peak @ 115VAC, cold start at 25°C <60A peak @ 230VAC, cold start at 25°C
No Load Power Consumption	< 100mW

### Output

Total Output	15-30W, see table for details
Output Voltage	See table
Turn On Time	<1 second
Efficiency	Meets DOE level VI Requirements
Line Regulation	± 1% of rated output voltage at full load
Load Regulation	± 5% of rated voltage from 0 to full load

### Protection

Short Circuit Protection	Hiccup mode. Auto recovery.
Overcurrent Protection	150% Max. of rated current. Auto-restart when fault removed.

### Environmental & Operating

Operating Temperature	10°C to +40°C
Storage Temperature	-20°C to +80°C
Operating Humidity	5% - 95% non-condensing
MTBF:	>100,000 hours per MIL-HDBK-217F at full load and 25°C ambient

### Compliance

#### Safety Approvals

USA	UL60950-1
Canada	cUL60950-1
Europe	CB Report , CE Report

EMC:	RCM (Australia) FCC Class B Radiated & Conducted CISPR22 Class B Radiated & Conducted EN55022 Class B Radiated & Conducted
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Harmonic Currents	IEC 61000-3-2
Voltage Flicker	IEC 61000-3-3
Electrostatic Discharge	IEC 61000-4-2
Radiated Immunity	IEC 61000-4-3
EFT/Burst	IEC 61000-4-4
Surge Immunity	IEC 61000-4-5
Conducted Immunity	IEC 61000-4-6
Magnetic Field	IEC 61000-4-8
Dips / Interruptions	IEC 61000-4-11

### General

Dimensions	2.80"(71.2mm) x 1.70"(43.2mm) x 1.14"(29mm)
AC Input	Interchangeable Plugs
Output Plug	Barrel Type: 5.5mm x 2.5mm x 9.5mm Center positive (others upon request)
Weight	0.44 pounds

## Models and Ratings Chart

Model No.	Output voltage	Current	Total Power	Output Regulation	Ripple & Noise (Vp-p)	Efficiency Level
PSAW30NA-11-B2	9V	2A	18W	±5%	90mV	VI
PSAW30NA-12-B2	12V	2A	24W	±5%	120mV	VI
PSAW30NA-13-B2	15V	2A	30W	±5%	150mV	VI
PSAW30NA-14-B2	24V	1.25A	30W	±5%	150mV	VI

## Mechanical Outline

