

- Efficiency Level V
- <500mW No Load Power Consumption
- Short Circuit Protection
- Overload Protection
- No Load Operation
- 100% Burn-In/Hi-Pot Testing
- RoHS Compliant
- UL/EN60601-1 3rd Edition

Electrical Specifications

Input

Input Voltage	90-264VAC
Input Frequency	47-63 Hz
Input Current	<1A @ 264VAC
Safety Isolation	4.0kVAC Input to Output (2 MOPP)
Leakage Current	<100uA @ 240VAC

Environmental & Operating

Operating Temperature	0°C to +50°C
Storage Temperature	-20°C to +85°C
Humidity	5% - 95% non-condensing
MTBF:	>100,000 hours per MIL-HDBK-217F @ full load and 25°C

Output

Total Output	30W
Output Voltage	See table
Hold Up Time	>8.3mS typical/full load/115VAC
Turn On Time	<3 seconds
Efficiency	>82% average
Minimum Load	No minimum load
Dynamic Load Regulation	±5% excursion for 50%-100% or 100-50% step load change for any frequency up to 1kHz(50% duty cycle)

Compliance

Safety Approvals

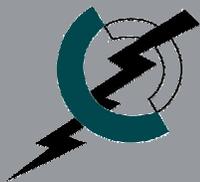
USA	UL60601-1-1
Canada	CSA C22.2 No. 60601-1
Europe	CE approval CB Report
EMC:	FCC Class B Radiated & Conducted EN60601-1-2: 2001+A1: 2006 EN55011: 2007
Harmonic Currents	IEC 61000-3-2: 2006, Class D
Voltage Flicker	IEC 61000-3-3: 1995+A1: 2001+A2: 2005
Electrostatic Discharge	IEC 61000-4-2: 1995+A1: 1998+A2: 2000
Radiated Immunity	IEC 61000-4-3: 2006
EFT/Burst	IEC 61000-4-4: 2004
Surge Immunity	IEC 61000-4-5: 2005
Conducted Immunity	IEC 61000-4-6: 2007
Magnetic Field	IEC 61000-4-8: 1993+A1: 2000
Dips / Interruptions	IEC 61000-4-11: 2004

Protection

Overvoltage	150% of rating voltage. Latching mode. Cycle AC for recovery
Short Circuit	150% of rated current. Hiccup mode with auto-recovery.

General

Dimensions	3.85"L x 1.77"W x 1.22"H
AC Input Receptacle	IEC320-C6
DC Output Plug	Barrel Type: 5.5mm x 2.1mm x 10mm Center positive polarity (others upon request)
Weight	0.5 pounds



Models and Ratings Chart

Model	Output Voltage	Current	Total Power	Load Regulation	Line Regulation	Ripple & noise (p-p)
PEAMD30SF-11-B1	9VDC	3.3A	30W	+/-5%	+/-1%	240mV
PEAMD30SF-12-B1	12VDC	2.5A	30W	+/-5%	+/-1%	240mV
PEAMD30SF-13-B1	15VDC	2.0A	30W	+/-5%	+/-1%	240mV

Mechanical Outline

