



- IEC 60601-1-2 4<sup>th</sup> Edition Compliant
- Class I and Class II Versions
- BF Rated Class II Version
- <210mW No Load Power Consumption
- LED on Indicator
- Overload Protection
- Short Circuit Protection
- No Load Operation
- 100% Burn-In/Hi-Pot Testing
- IPX1 Enclosure

### Electrical Specifications

#### Input

Input Voltage	90-264VAC
Input Frequency	47-63 Hz
Input Current	2.0A max at 115VAC 1.0A max at 230VAC
Inrush Current	<100A at 240VAC, cold start, 25°C

#### Output

Total Output	72W
Output Voltage	See table
Hold Up Time	>8.3mS at full load and 115/230VAC line
Earth Leakage Current (Class I)	<100uA at 264VAC, 60Hz
Touch Current	<50uA at 264VAC, 60Hz
Average Active Efficiency	Meets DOE level VI requirements, except for 5V and 9V models. See models and ratings chart for details.
No Load Power Consumption	<210mW
Turn on Delay	<3 seconds

#### Protection

Overvoltage	150% Max. of nominal. Cycle AC power to reset after fault is removed
Overload	110%-150% of maximum output current. Auto recovery
Short Circuit	Hiccup mode. Auto recovery

#### Environmental & Operating

Operating Temperature	0°C to 40°C full load
Storage Temperature	-20°C to +85°C
Humidity	5% - 90% non-condensing
Altitude	<3000m operational
MTBF:	>100,000 hours per MIL-HDBK-217F at full load and 25°C ambient

#### Compliance

##### Safety Approvals

USA	ANSI/AAMI ES60601-1
Canada	cUL ES60601-1
Europe	TUV EN60601-1 3rd edition CB Report
Isolation	4000VAC input to output, 2 x MOPP 1500 VAC input to ground, 1 x MOPP

##### EMC (IEC 60601-1-2:2014):

Harmonic Currents	FCC Class B Radiated & Conducted
Voltage Flicker	CISPR11 Class B Radiated & Conducted
Electrostatic Discharge	EN55011 Class B Radiated & Conducted
Radiated Immunity	IEC 61000-3-2
EFT/Burst	IEC 61000-3-3
Surge Immunity	IEC 61000-4-2: ±15kV Air, ±8kV contact
Conducted Immunity	IEC 61000-4-3: 10V/m
Magnetic Field	IEC 61000-4-4: ±2kV
Dips / Interruptions	IEC 61000-4-5: 1kV diff, 2kV com
	IEC 61000-4-6: 10Vrms
	IEC 61000-4-8: 30A/m
	IEC 61000-4-11: Voltage dip immunity, 30% reduction for 500ms, 100% reduction for 10ms

#### General

Dimensions	4.45"(113mm)L x 1.93"(49mm)W x 1.37"(35mm)H
AC Input Receptacle	IEC320 C14, C8
DC output Plug	2.5x5.5mm barrel connector
Weight	1lb

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Specifications subject to change.  
PEAMD72: October 23, 2017



### Models and Ratings Chart

Model	Voltage	Max. Current	Total Power	Load Regulation	Line Regulation	Ripple & Noise (P-P)	Efficiency Level
PEAMD72-10-B2	5V	9.00A	45W	+/-6%	+/-3%	100mV	V
PEAMD72-11-B2	9V	5.00A	45W	+/-5%	+/-3%	100mV	V
PEAMD72-12-B2	12V	6.00A	72W	+/-5%	+/-3%	250mV	VI
PEAMD72-13-B2	15V	4.80A	72W	+/-5%	+/-3%	250mV	VI
PEAMD72-13-1-B2	18V	3.78A	68W	+/-5%	+/-3%	350mV	VI
PEAMD72-13-2-B2	19V	3.78A	72W	+/-5%	+/-3%	350mV	VI
PEAMD72-14-B2	24V	3.00A	72W	+/-5%	+/-3%	350mV	VI
PEAMD72-17-B2	36V	2.00A	72W	+/-5%	+/-3%	500mV	VI
PEAMD72-18-B2	48V	1.5A	72W	+/-5%	+/-3%	720mV	VI

C14 standard input receptacle

For C8 input receptacle, model numbers are PEAMD72SF. For example, PEAMD72SF-12

For C6 input receptacle, model numbers are PEAMD72S. For example, PEAMD72S-12

For C18 input receptacle, model numbers are PEAMD72F. For example, PEAMD72F-12

### Mechanical Outline

