



Features:

- Universal Input 100 – 240 VAC
- 5 VDC to 48 VDC
- 12 to 15 Watts
- Interchangeable Bases: U.S., Euro, U.K. & Aust.
- 100% Burn-In
- RoHS Compliant
- CEC Efficiency Level: V



Input

Input Voltage	90 to 264 VAC
Input Frequency	47 to 63Hz
Input Current	0.4A Max at 115VAC 0.26A Max at 230VAC
Power Consumption	0.3W Max. @ 240VAC, No Load
Safety Ground Leakage Current	0.25mA Max. @ 240VAC, Full Load

Output

Output Voltage & Current	See Chart
Ripple & Noise (P-P)	1% Max, Full Load @ 90VAC Input
Over-Current Protection	Output Protected to Short Circuit Conditions
Temperature Coefficient	± 0.04% / °C Max.
Transient Response	Full Load to Half Load @ 100VAC Input: 4mS Max.

Environmental

Operating Temperature	0°C to 70°C
Derating	Derated from 100% at +40°C to 50% at +70°C
Storage Temperature	-40°C to 85°C
Relative Humidity	0% to 95% Non-Condensing
Mean Time Between Failure (MTBF)	100,000 Hours Min., Full Load at 25°C Ambient

Electrical

Efficiency	85% Max. Efficiency Level V Compliant
Hold-Up Tim	12mS Min.
Line Regulation	±1% Max. at Full Load
Load Regulation	±10% Max. at 230VAC
Inrush Current	45A @ 115VAC Max. 90A @ 230VAC Max. at 25°C Cold Start
Withstanding Voltage	4242 VDC from Input to Output, 2121 VDC from Input to Ground
Insulation Resistance	50 MΩ Min. from Output to Ground

Safety

EMI Requirements	Meets Conduction Limits of: (A) FCC Part-15 Class B (B) CISPR-22 Class B
Safety Standards	Meets or Exceeds: (A) UL /C-UL (UL 60950-1) (B) TUV/GS (EN 60950-1) (C) CE (D) CB (E) PSE (Available upon request) (F) FCC (G) LPS

Output Voltage and Current Chart

Model Number *	Output Voltage	Output Current	Total Regulation	Maximum Output Power	Notes
IB15PYXXR	5 - 8 VDC	2.40 - 1.50 A	5%	12W	* Replace "XX" w ith Desired Output Voltage
IB15PYXXR	9 - 11 VDC	1.50 - 1.23 A	5%	13.5 W	* Replace "Y" w ith Desired Base Plug:
IB15PYXXR	12 - 16 VDC	1.25 - 0.94 A	5%	15W	U = US Plug E = Euro Plug
IB15PYXXR	17 - 21 VDC	0.88 - 0.72 A	5%	15W	B = British Plug A = Australian Plug
IB15PYXXR	22 - 27 VDC	0.68 - 0.55 A	3%	15W	K = Kit w ith US Base and Other 3 Plugs.
IB15PYXXR	28 - 33 VDC	0.54 - 0.45 A	3%	15W	
IB15PYXXR	34 - 40 VDC	0.44 - 0.37 A	3%	15W	Example: IB15PU12R indicates a 12VDC Unit
IB15PYXXR	41 - 48 VDC	0.36 - 0.31 A	3%	15W	w ith a U.S. Input Plug.

Note: Output Connector to be specified.

Standard Connector: 2.5x5.5x11mm female barrel coaxial plug, center-hole positive (+).

For 5V - 11V Output: A 4 ft. (18AWG) cable is required to meet CEC Efficiency Level V.

For 12V - 33V Output: A 4 ft. (20AWG) cable is required to meet CEC Efficiency Level V.

For 34V - 48V Output: A 4 ft. (22AWG) cable is required to meet CEC Efficiency Level V.

