



Features:

- Universal Input 100 – 240 VAC
- 3 VDC to 24 VDC
- 10 to 15 Watts
- Interchangeable Bases: U.S., Euro, U.K. & Aust.
- Over-Voltage Protection
- Short Circuit Protection
- Also Available with Dedicated Input Prongs
- CEC Efficiency Level: IV



Input

Input Voltage	90 to 264 VAC
Input Frequency	47 to 63Hz
Input Current	0.5A Max @ 115VAC, Full Load
Inrush Current	30A Max. @ 100VAC 60A Max. @ 240 VAC
Safety Ground Leakage Current	0.25mA Max.

Output

Output Voltage & Current	See Chart
Ripple & Noise (P-P)	See Chart
Over-Voltage Protection	Auto Recovery
Over-Current Protection	Protected to Short Circuit Conditions, Auto Start
Temperature Coefficient	±0.04% / °C Max.

Environmental

Operating Temperature	0°C to 70°C
Derating	Derated from 100% at +40°C to 50% at +70°C
Storage Temperature	-20°C to 85°C
Relative Humidity	5% to 95% Non-Condensing

Electrical

Efficiency	Meets CEC Level IV Criteria
No Load Power Consumption	≤0.5 Watts
Hold-Up Time	8.3mS Minimum
Turn-On Time	3s Max.
Line Regulation	±1% Maximum
Load Regulation	±5% Maximum
Withstanding Voltage	4242 VDC @ 5mA, for 3 Sec Between Primary, Secondary, and Chassis
Insulation Resistance	50MΩ Minimum
Mean Time Between Failure (MTBF)	100,000 Hours Minimum

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 (B) TUV/GS (C) CB (D) CE (E) DoIR+C-Tick (F) PSE (<15V Output Only)

Output Voltage and Current Chart

Model Number *	Output Voltage Range†	Max Load Limited to Max Power		Ripple & Noise	Notes
		Load	Power		
IB15 \underline{Y} XXR	3 - 5 VDC	2.5 A	10 Watts	100 mV	* Replace "XX" w ith Desired Output Voltage
IB15 \underline{Y} XXR	6 - 9 VDC	2.0 A	12 Watts	150 mV	* Replace " \underline{Y} " w ith Desired Base Plug:
IB15 \underline{Y} XXR	10 - 15 VDC	1.5 A	15 Watts	200 mV	U = US Plug E = Euro Plug
IB15 \underline{Y} XXR	16 - 24 VDC	0.9 A	15 Watts	300 mV	B = British Plug A = Australian Plug
					K = Kit w ith US Base and Other 3 Plugs.
					Example: IB15 \underline{U} 12 R indicates a 12VDC Unit w ith a U.S. Input Plug.

Plugs can also be purchased individually (See Below)

† Output Voltages Betw een Stated Values Also Available

Note:

Output connector to be specified

Standard Connector is a 2.5 x 5.5 x 11mm Female Barrel Plug, Center Positive (+)

The cable length and wire gauge will be dependent on CEC requirements for each current level

