

### 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: V



### 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	<b>See Chart</b>
Ripple & Noise (P-P)	<b>See Chart</b>
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 V Criteria
No Load Power Consumption	≤0.3 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 Min., Full Load at 25°C Ambient

### 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 (C) CB (D) CE (E) DoIR+C-Tick



# IB15 Series - Interchangeable Base

Wall Plug-In, Switch Mode Power Supply  
RoHS Compliant, CEC Efficiency Level V

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## Output Voltage and Current Chart

Model Number *	Output Voltage Range†	Max Load Limited to Max Power Load	Max Power	Ripple & Noise	Notes
IB15YXXR	3 - 5 VDC	2.5 A	10 Watts	100 mV	* Replace "XX" with Desired Output Voltage
IB15YXXR	6 - 9 VDC	2.0 A	12 Watts	150 mV	* Replace "Y" with Desired Base Plug:
IB15YXXR	10 - 15 VDC	1.5 A	15 Watts	200 mV	U = US Plug                      E = Euro Plug
IB15YXXR	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: IB15U12R indicates a 12VDC Unit w ith a U.S. Input Plug.

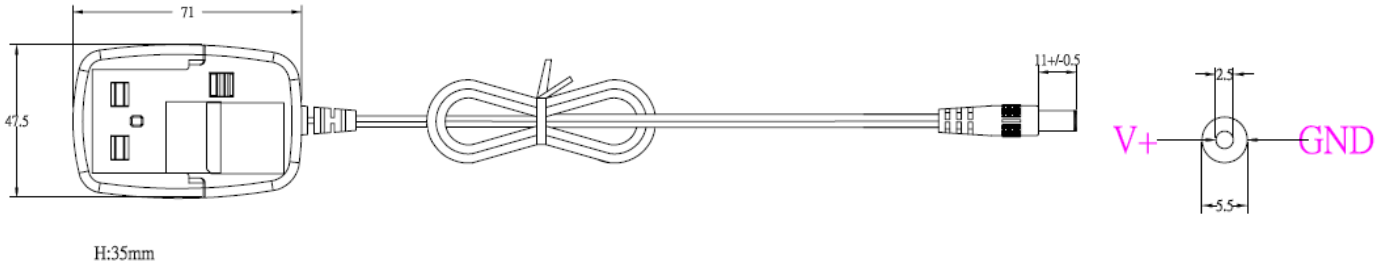
Plugs can also be purchased individually (See Below)  
† Output Voltages Betw een Stated Values Also Available

**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 the Energy Efficiency requirements for each level



H:35mm

