



### Features:

- Universal Input 100 – 240 VAC
- 5 VDC to 35 VDC
- 20 to 36 Watts
- Available in U.S., Euro, U.K. & Aust. Fixed Base
- High Efficiency, Low Cost Design
- Over-Voltage Protection & Short Circuit Protection
- Also Available with Dedicated Input Prongs
- RoHS Compliant
- CEC Efficiency Level: IV



### Input

Input Voltage	90 to 264 VAC
Input Frequency	47 to 63Hz
Input Current	1.0A Max
Inrush Current	60A Max
Safety Ground Leakage Current	0.25mA Max.

### Output

Output Voltage & Current	See Chart
Ripple & Noise (P-P)	1.0% Max.
Over-Voltage Protection	Auto Recovery
Over-Current Protection	Protected to Short Circuit Conditions, Auto Recovery
Temperature Coefficient	±0.04% / °C Max.

### Environmental

Operating Temperature	0°C to 40°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
Mean Time Between Failure (MTBF)	100,000 Hours Minimum

### Safety

EMI Requirements	Meets Conduction Limits of: (A) FCC Part-15J Class B (B) CISPR-22 Class B
Safety Standards	Meets or Exceeds: (A) UL/ c-UL (B) TUV (C) CE (D) CCC (E) FCC (F) DoIR+C-Tick (G) PSE (16 - 30V Output Only)

## Output Voltage and Current Chart

Model Number *	Output Range Voltage	Max Load Limited to Max Power		Notes
		Load	Power	
IB20 <u>Y</u> XXR	5 - 8 VDC	4.00 A	20W	* Replace "XX" w ith Desired Output Voltage
IB20 <u>Y</u> XXR	9 - 12 VDC	2.00 A	20W	* Replace " <u>Y</u> " with Desired Base Plug:
IB20 <u>Y</u> XXR	13 - 20 VDC	1.54 A	20W	<b>U</b> = US Plug <b>E</b> = Euro Plug
IB20 <u>Y</u> XXR	21 - 35 VDC	0.95 A	20W	<b>B</b> = British Plug <b>A</b> = Australian Plug
IB30 <u>Y</u> XXR	5 - 8 VDC	3.50 A	25W	<b>K</b> = Kit with US Base and Other 3 Plugs
IB30 <u>Y</u> XXR	9 - 12 VDC	3.00 A	30W	Example: IB20 <u>U</u> 12 R indicates a 20-w att, 12V DC Unit
IB30 <u>Y</u> XXR	13 - 20 VDC	2.30 A	30W	w ith a U.S. Input Plug.
IB30 <u>Y</u> XXR	21 - 35 VDC	1.42 A	30W	
IB36 <u>Y</u> XXR	12 VDC	3.00 A	36W	Plugs can also be purchased individually (See Below )
IB36 <u>Y</u> XXR	21 - 35 VDC	1.50 A	36W	

**Note:**

Output connector to be specified

Standard Connector is a 6 ft. cable with 2.5 x 5.5 x 11mm Female Barrel Plug, Center Positive (+)

