



Features:

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



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)	See Chart
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 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
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-15J Class B (B) CISPR-22 Class B
Safety Standards	Meets or Exceeds: (A) UL/ C-UL (B) TUV/GS (C) CE (D) CB (E) FCC



IB20-36 Series - Interchangeable Base

Date: 4/5/12

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

Rev: 040512

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Output Voltage and Current Chart

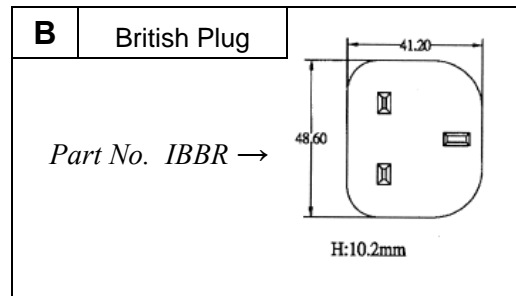
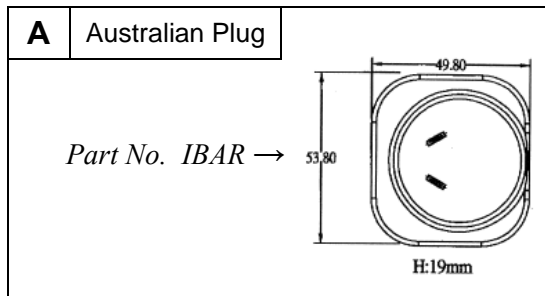
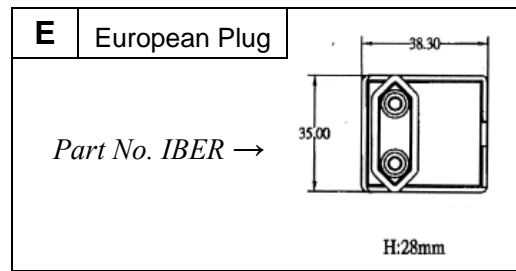
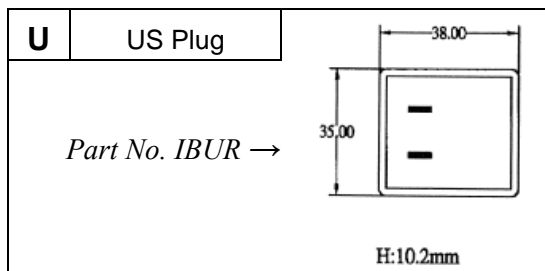
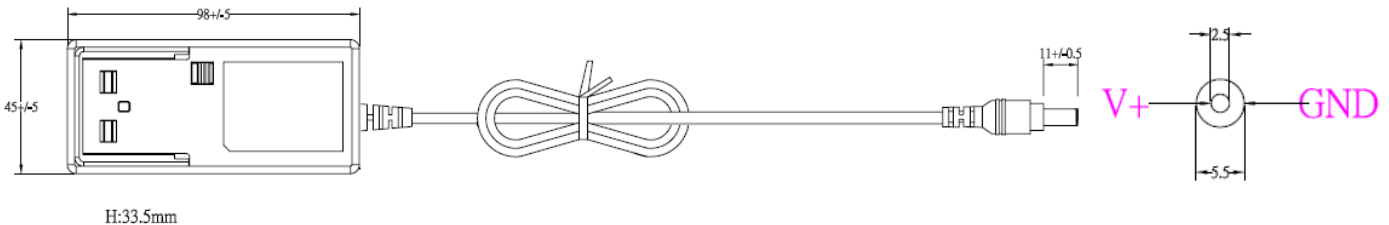
Model Number *	Output Range Voltage	Max Load Limited to Max Power Load	Power	Ripple & Noise	Notes
IB20 \underline{Y} XXR	5 - 8 VDC	4.00 A	20W	100 mV	* Replace "XX" w ith Desired Output Voltage
IB20 \underline{Y} XXR	9 - 12 VDC	2.00 A	20W	250 mV	* Replace " \underline{Y} " w ith Desired Base Plug:
IB20 \underline{U} XXR	13 - 20 VDC	1.54 A	20W	250 mV	U = US Plug E = Euro Plug
IB20 \underline{Y} XXR	21 - 35 VDC	0.95 A	20W	350 mV	B = British Plug A = Australian Plug
IB30 \underline{Y} XXR	5 - 8 VDC	3.50 A	25W	100 mV	K = Kit w ith US Base and Other 3 Plugs
IB30 \underline{Y} XXR	9 - 12 VDC	3.00 A	30W	250 mV	Example: IB20 \underline{U} 12 R indicates a 20-w att, 12VDC Unit
IB30 \underline{Y} XXR	13 - 20 VDC	2.30 A	30W	250 mV	w ith a U.S. Input Plug.
IB30 \underline{Y} XXR	21 - 35 VDC	1.42 A	30W	350 mV	
IB36 \underline{Y} XXR	12 VDC	3.00 A	36W	250 mV	Plugs can also be purchased individually (See Below)
IB36 \underline{Y} XXR	21 - 35 VDC	1.50 A	36W	350 mV	

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



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