



Features:

- Universal Input 100 – 240 VAC
- 5 VDC to 24 VDC
- Interchangeable Bases: U.S., Euro, U.K., Aust.
- Over-Current Protection
- Over-Voltage Protection
- Short Circuit Protection
- 100% Burn-In
- RoHS Compliant
- CEC Efficiency Level: V



Input

Input Voltage	90 to 264 VAC
Input Frequency	47 to 63Hz
Input Current	0.48A Max.
Safety Ground Leakage Current	0.25mA Max.

Output

Output Voltage & Current	See Chart
Ripple & Noise (P-P)	1%~2% Max, Full Load
Over-Voltage Protection	Protected to Over Voltage Conditions
Over-Current Protection	Protected to Over Current Conditions
Short-Circuit Protection	Output Protected to Short Circuit Conditions
Transient Response	Full Load to Half Load: 0.5mS Max.

Environmental

Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to +80°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	10mS @ Full Load
Load Regulation	±5% Typical
Inrush Current	30A Max. @ 100VAC, 60A Max. @ 230VAC, at 25°C, Cold Start
Withstanding Voltage	3000VAC from Primary to Secondary
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 (U.S. Base Only) (B) TUV/GS (Euro Base Only) (C) CB (D) CE (Euro & U.K. Bases Only) (E) LPS (F) PSE (U.S. Base Only) (G) BSMI (U.S. Base Only) (H) FCC (U.S. Base Only) (I) RCM (Aust. Base Only) (J) CCC (Avail. Upon Request) (K) KC (Avail. Upon Request)



IB18Q Series - Interchangeable

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

Date: 4/10/12

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Output Voltage and Current Chart

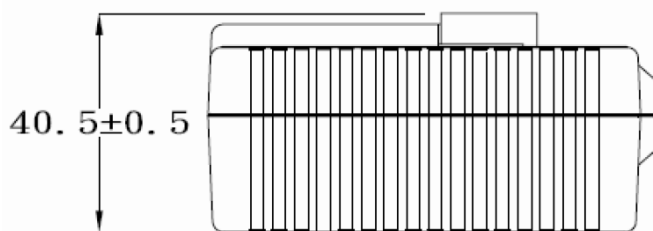
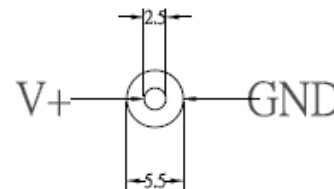
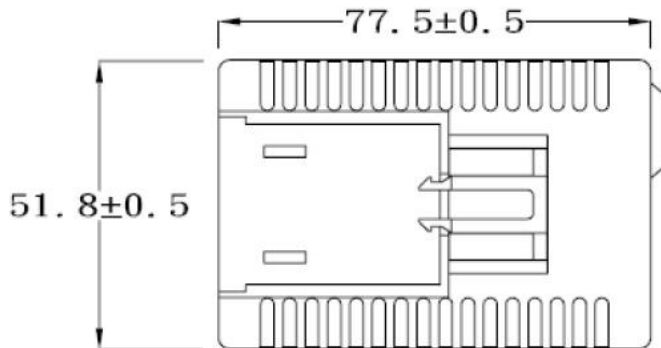
Model Number *	Output Range Voltage ‡	Max Load Limited to Max Power		Notes
		Load	Power	
IB18QY05R	5 VDC	3.5 A	17.5W	‡ Note: Output Voltage between stated values available * Replace "Y" with Desired Base Plug: U = US Plug E = Euro Plug B = British Plug A = Australian Plug K = Kit with US Base and Other 3 Plugs Example: IB18QU12R indicates a unit with 12VDC output and a U.S. Input Plug. Plugs can also be purchased individually (See Below)
IB18QY06R	6 VDC	3.0 A	18.0W	
IB18QY09R	9 VDC	2.2 A	19.8W	
IB18QY12R	12 VDC	1.6 A	19.2W	
IB18QY13R	13.5 VDC	1.4 A	18.9W	
IB18QY15R	15 VDC	1.3 A	19.5W	
IB18QY18R	18 VDC	1.1 A	19.8W	
IB18QY24R	24 VDC	0.8 A	19.2W	

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.



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U	US Plug	Order as: IBQUR
39.2(L) 31.2(W) 26(H) ±0.5mm		

E	European Plug	Order as: IBQER
39.2(L) 35(W) 45(H) ±0.5mm		

B	British Plug	Order as: IBQBR
39.2(L) 48.6(W) 37.5(H) ±0.5mm		

A	Australian Plug	Order as: IBQAR
41.5(L) 55(W) 34(H) ±0.5mm		

China Plug	<i>Available Upon Request</i>	
39.2(L) 31.2(W) 26(H) ±0.5mm		

Korea Plug	<i>Available Upon Request</i>	
39.2(L) 35(W) 45(H) ±0.5mm		