



Features:

- Universal Input 100 – 240 VAC
- 9 VDC to 15 VDC
- 15 to 36 Watts
- Available with U.S., U.K., European and Australian Input Plugs.
- High Efficiency, Low Cost Design
- Over-Voltage Protection & Short Circuit Protection
- RoHS Compliant
- CEC Efficiency Level: IV



Input

Input Voltage	90 to 264 VAC
Input Frequency	47 to 63Hz
Input Current	1.0A Max. @ 115 VAC 0.5A Max. @ 230 VAC
Inrush Current	40A Max. @ 115 VAC 80A Max. @ 230 VAC
Safety Ground Leakage Current	0.25mA Max.

Output

Output Voltage & Current	See Chart
Ripple & Noise (P-P)	1.2% Max. for 15W - 24W 1.5% Max. for 30W - 36W
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 50°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 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) UR Listed (UL 60601-1) (B) CE

Output Voltage and Current Chart

Model Number *	Output Range Voltage	Max Load Limited to Max Power		Notes
		Load	Power	
IM15 \underline{Y} XXR	9 - 15 VDC	1.0 A	15W	* Replace "XX" w with Desired Output Voltage * Replace " \underline{Y} " w ith Desired Base Plug: U = US Plug E = Euro Plug B = British Plug A = Australian Plug K = Kit w ith US Base and Other 3 Plugs Example: IM24 U 12R indicates a 24-w att, 12VDC Unit w ith a U.S. Input Plug.
IM18 \underline{Y} XXR	9 - 15 VDC	1.5 A	18W	
IM24 \underline{Y} XXR	9 - 15 VDC	2.0 A	24W	
IM30 \underline{Y} XXR	9 - 15 VDC	2.5 A	30W	
IM36 \underline{Y} XXR	9 - 15 VDC	3.0 A	36W	

Plugs can also be purchased individually (See Below)

Note:

Output connector to be specified.

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

Cable length and wire gauge will be dependent on the Energy Efficiency requirements for each level.

