



Features

- Wide voltage input range
- Class 2 Power Supply
- Constant voltage mode output
- 5 Year Warranty



Parameters

Part Number	Z-MPW-60W-12V
Rated Output Voltage	12VDC
Rated Output Current	5A x 1 Channel
Rated Output Power	60W
Output Ripple & Noise	≤400mV
Input Voltage Range	120 - 277VAC
Input Frequency Range	50 ~ 60Hz
Input Current	≤0.7A (120VAC)
Surge Current (Cold Start)	46A @ 230VAC
Leakage Current	< 0.75mA (240VAC)
Power Efficiency	90%
PF	≥0.9
Over-Current Protection	Yes
Short-Circuit Protection	Yes
Over-Voltage Protection	Yes

Working Temperature	-22° ~ +122°F
Working Humidity	10 ~ 95% RH
Approved Environments Location	Suitable for Dry or Damp locations
Storage Temperature	-31° ~ +149°F
Storage Humidity	10 ~ 95% RH
Vibration	10 ~ 500Hz, 1.0mm, 15 Min (For X, Y, Z Axis)
Tcase	+194°F
Safety Standard	UL879 UL8750 FCC CLASS 2 CE ENEC05 CB
Dielectric Strength (Hi-Pot)	I/P-O/P: 3KVAC/ 10mA/ 3S I/P-Case: 1.5 KVAC/ 10mA/ 3S
Insulation Resistance	100MOhm/ 500VDC/ 3S
Grounding Resistance	≤0.50hm Max
EMC	FCC part15 EN55015
EFT	2KV on AC power line
Surge	4KV(L-N); 4KV(L-GND, N-GND)
MTBF	≥50000hrs. MIL-HDBK-217F (77°F)
Size	6.18" x 0.91" x 0.79"
Weight	0.31lbs