



Features

- Wide voltage input
- Class 2 Power Supply
- Constant voltage mode output
- Function option: Output current adjustable
- 5 Year Warranty



Parameters

Part Number	ZLW60-12
Rated Output Voltage	12VDC
Rated Output Current	5A x 1 Channel
Current Adjustable Range	0 – 10V
Rated Output Power	60W
Output Voltage Accuracy	±3%
Output Ripple & Noise	150mV
Line Regulation	±1%
Load Regulation	±5%
Start Time	Cold Start ≤3000ms
Input Voltage Range	90 - 305VAC
Rated Input Voltage Range	100 – 277VAC
Input Frequency Range	47 ~ 63Hz
Input Current	0.8A Max
Inrush Current (Cold Start)	≤50A (100 – 277VAC)
Leakage Current	< 0.75mA (277VAC)
Efficiency	≥86% 230VAC
PF	≥0.95 230VAC
Total Harmonic Distortion	THD < 20%

Over-Current Protection	Yes
Short-Circuit Protection	Yes
Over-Voltage Protection	Yes
Over-Temperature Protection	Yes
Working Temperature	-40° ~ +140°F
Working Humidity	20 ~ 95% RH (Non-Condensing)
Storage Temperature	-40° ~ +176°F
Storage Humidity	10 ~ 95% RH
IP Rating	IP68
Vibration	10 ~ 500Hz, 5G, 30 Min (For X, Y, Z Axis)
Safety Standard	UL879 UL8750 FCC CLASS 2 CE ENEC05 CB
Dielectric Strength (Hi-Pot)	I/P-O/P: 3.75KVAC/ 10mA/ 3S I/P-Case: 1.8 KVAC/ 10mA/ 3S
Insulation Resistance	100MOhm Min/ 500VDC/ 3S
Grounding Resistance	100mOhm Max
EMC	FCC part15 EN55015
MTBF	≥50000hrs. MIL-HDBK-217F (77°F)
Size	6.8" x 1.7" x 1.3"
Weight	2lbs