

12V DC Switch Power Supply (30A, 360 Watt)



Features

- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- LED indicator for power on
- High reliability

Specification

Output	DC Voltage	12V
	Rated Current	30A
	Current Range	0~30A (30A max.)
	Rated power	360 Watt
Input	Voltage Range	88 ~ 132VAC/176 ~ 264VAC auto select
	Frequency Range	47 ~ 63Hz
Protection	Overload	125 ~ 165% rated output power Protection type : Shut down o/p voltage, re-power on to recover
	Over Voltage	13.8 ~ 16.2V Protection type : Shut down o/p voltage, re-power on to recover
Environment	Working Temp.	-10 ~ +60°C (Refer to output load derating curve)
	Working Humidity	20 ~ 90% RH non-condensing
	Storage Temp., Humidity	-20 ~ +85°C, 10 ~ 95% RH
	Temp. Coefficient	±0.03% / °C (0 ~ 50°C)
	Vibration	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes
Safety & Emc	Safety Standards	Design refer to UL1012
	Withstand Voltage	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH
	EMI Conduction & Radiation	Compliance to EN55022 (CISPR22) Class B
	EMS Immunity	Compliance to IEC801-2,3,4, light industry level, criteria A
Others	Dimension	215 x 114 x 50mm (L x W x H)
	SKU (LED Waves)	LW90-1100-DC

- Note**
1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
 3. Tolerance : includes set up tolerance, line regulation and load regulation.