



## Features:

- \*Low power consumption, high reliability
- \*Protections: Short circuit/Over load/Over voltage
- \*Cooling by free air convection
- \*100% full load burn-in test

## SPECIFICATION

## 60Watts Single Output Switching Power Supply

MODEL		GF60-1H-DM
OUTPUT	DC VOLTAGE	12V
	OUTPUT POWER	60W
	CURRENT RANGE	0-5A
	RIPPLE & NOISE(max.)	120mVp-p
	VOLTAGE ADJ. RANGE	±18%
	LINE REGULATION	±1.0%
	LOAD REGULATION	±2.0%
	VOLTAGE TOLERANCE	±2.0%
	SETUP,RISE TIME	800ms, 50ms at full load
	HOLD UP TIME	60ms
INPUT	VOLTAGE RANGE	86 ~ 264VAC
	AC CURRENT(Typ.)	2A/ 115VAC 1A/ 240VAC
	FREQUENCY RANGE	47-63Hz
	EFFICIENCY(Typ.)	80%
	INRUSH CURRENT(Typ.)	COLD START 15A/115VAC 30A/230VAC
	LEAKAGE CURRENT	<3.5mA/240VAC
PROTECTION	OVER LOAD	115%~135% of rated power; Pulsing hiccup shut down,auto recovery
	OVER VOLTAGE	Rated output voltage of 105%~150% start overvoltage protecion
	SHORT CIRCUIT	Protection: burst mode,load of abnormal conditions removed the automatic recovery voltage off and reset input for recovers
ENVIRONMENT	WORKING TEMP.	-10℃ ~ +45℃ (Refer to output load derating curve)
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP.,HUMIDITY	-20℃ ~ +85℃ 10~95% RH
	TEMP. COEFFICIENT	±0.05%/℃
	COOLING METHOD	BY FREE AIR CONVECTION
SAFTY & EMC	SAFTY STANDARDS	CE EN60950-1 Approved
	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
	EMI CONDUCTION	Compliance to EN55022
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3
	EMS IMMUNITY	Compliance to EN55024
OTHERS	DIMENSION	L160*W98*H42MM
	WEIGHT	0.5Kg,35PCS/Carton
	SHELL MATERIAL	Chassis:1.5mm thickness aluminium;Cover:0.7mm thickness iron(silver plating)

Terminal Pin feet

Pin feet distribution	Distribution	Pin feet	Distribution
1	AC/L	4 5	GND
2	AC/N	6 7	DC
3	FG 		