

**60W Single Output
Switching Power Supply**



GS-60...

Feature

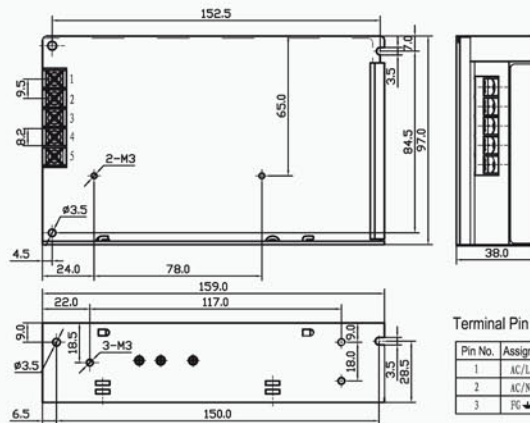
- High efficiency, high reliability
- Universal AC input / Full range
- 100% full load burn-in test
- Protection:
Short circuit / Over load/ Over voltage
- Fixed switching frequency at 50 KHz
- Cooling by free air convection
- 2 years warranty
- Dimensions: 159*97*38mm(L*W*H)

Notes:

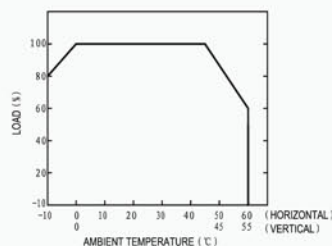
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μ & 47μf parallel capacitor.
- Each output can within current range. But total output power can't exceed rated load
- The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

Model	GS-60-5	GS-60-12	GS-60-15	GS-60-24	GS-60-48	
Output	DC Voltage	5V	12V	15V	24V	48V
	Voltage Tolerance	±2%	±1%	±1%	±1%	±1%
	Rated Current	12A	5A	4A	2.5A	1.3A
	Current Range	0-12A	0-5A	0-4A	0-2.5A	0-1.3A
	Rated Power	60W	60W	60W	60W	62W
	Ripple & Noise	120mVp-p	120mVp-p	150mVp-p	150mVp-p	150mVp-p
	DC Voltage adi. Range	-5%,+10%	±10%	±10%	±10%	±10%
	Setup,Rise,Hold Time	800ms,50ms,10ms/115VAC 300ms,50ms,80ms/230VAC				
Input	Voltage Range	85-264 VAC 47-63 Hz, 120-370VDC				
	AC Current	2A/115 V 1A/ 230 V				
	Efficiency	73%/	76%	77%	78%	79%
	Inrush Current	Cold start 30A/115VAC 60A/230VAC				
	Leakage Current	<3.5 mA/240VAC				
Protection	Over Load	135%~165% Protection type: Fold back current limiting, recovers automatically after fault condition is removed.				
	Over Voltage	115%~35% , Protection type: hiccup mode, recovers automatically after fault condition is removed.				
Environment	Working Temp., Humidity	-10°C~+60°C; 20%~90 %RH				
	Storage Temp., Humidity	-20°C~+85°C; 10%~95 %RH				
	Vibration	10-500Hz, 2G 10min./1cycle, period for 60min, each long X, Y, Z, axes				
Safety	Withstand Voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC				
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M /500VDC				
Standards	Safety Standard	Design refer to UL1012, UL1950, TUV EN60950				
	EMC Standard	Design refer to EN55022, EN61000-3-2, -3, EN61000-4-2, 3, 4, 5, 6, 8, 11. EN50204, EN55024				
Others	Weight	0.51Kg				
	Packing	30pcs/16Kg/0.86CUFT				

Outline and dimension



Derating Curve



Static Characteristics(24V)

