

60W Dual Output Switching Power Supply



GD-60...

Feature

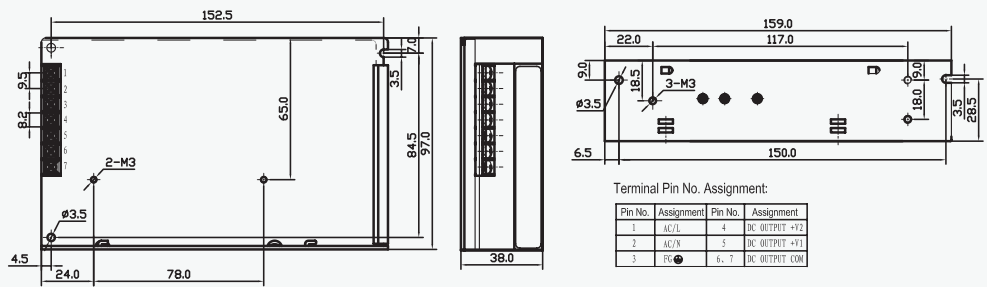
- High efficiency, high reliability
- Universal AC input /full range
- 100% full load burn-in test
- Protection:
 Short circuit/ Over load /Over voltage
- LED indicator for power on
- Cooling by free air convection
- Fixed switching frequency at 54KHz
- 2 years warranty
- Dimensions: 159*97*38mm (L*W*H)

Notes:

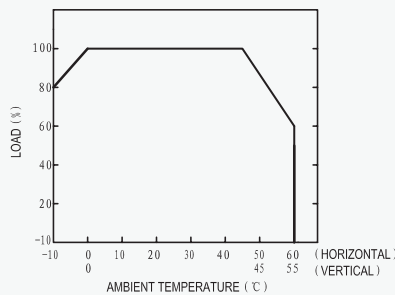
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μ & 47μf parallel capacitor.
- Each output can within current range. But total output 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	GD-60A		GD-60B		
	CH1	CH2	CH1	CH2	
Output	DC Voltage	5V	12V	5V	24V
	Voltage Tolerance	±2%	±6%	±2%	±5%
	Rated Current	4A	3A	3A	1.8A
	Current Range	0.3-6A	0.2-4A	0.3-6A	0.2-2A
	Rated Power	56W		58W	
	Ripple & Noise	75mVp-p	150mVp-p	75mVp-p	150mVp-p
	DC Voltage adi. Range	CH1: -5%, +10%			
Input	Setup,Rise,Hold Time	300ms,50ms ,80ms/230VAC800ms,50ms, 10ms/115VAC at full load			
	Voltage Range	85~264 VAC/ 47~63 Hz, 120~370VDC			
	AC Current	2A/115 V1A/ 230 V			
	Efficiency	73%		76%	
	Inrush Current	Cold start 30A/115VAC60A/230VAC			
	Leakage Current	<0.75mA/240VAC			
	Protection	Over Load	105%~150% Protection type: Shut down o/p voltage, recovers automatically after fault condition is removed		
Over Voltage		115%~135% Protection type: hiccup mode, auto-recovery			
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 along 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 , UL60950 ,EN60950			
	EMC Standard	Design refer to EN55022(CLSR22),EN61000-3-2,-3, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024			
Others	Weight	0.54Kg			
	Packing	30pcs/16Kg/0.86CUFT			

Outline and dimension



Derating Curve



Static Characteristics(B)

