

60W Triple Output Switching Power Supply



GT-60...

Feature

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

Notes:

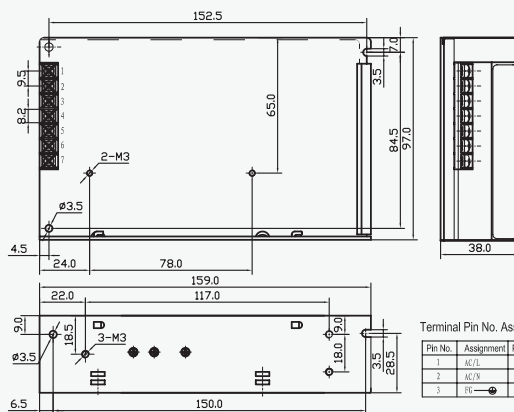
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μ & 47μf parallel capacitor.

- Each output can within current range. But total output power can't exceed rated load

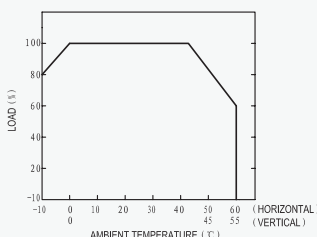
- The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

Model	GT-60A			GT-60B			GT-60C			
	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	
Output	DC Voltage	5V	12V	-5V	5V	12V	-12V	5V	15V	-15V
	Voltage Tolerance	±2%	±6%	±6%	±2%	±6%	±6%	±2%	±6%	±6%
	Rated Current	5A	2.5A	0.5A	5A	2.5A	0.5A	5A	2.5A	0.5A
	Current Range	0.5-7A	0.2-3.5A	0.1-1A	0.5-7A	0.2-3.5A	0.1-1A	0.5-7A	0.2-3.5A	0.1-1A
	Rated Power	57.5W			61W			62.5W		
	Ripple & Noise	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p
	DC Voltage adi.Range	CH1: -5%, +10%								
Input	Setup,Rise,Hold Time	300ms,50ms,10ms/230VAC 800ms, 50ms,10ms/115VAC at full load								
	Voltage Range	85~264 VAC 47-63Hz, 120~370VDC								
	AC Current	2A/115V 1A/ 230 V								
	Efficiency	72%								
	Inrush Current	Cold start 30A/115V60A/230V								
Protection	Leakage Current	<3.5mA/240VAC								
	Over Load	105%~150% Protection type: Shut down o/p voltage, recovers automatically after fault condition is removed								
Environment	Over Voltage	5V: 115%~135% Protection type: Hiccup mode, recovers automatically after fault condition is removed								
	Working Temp & Humidity	-10°C~-+60°C, 20%~90 %RH								
Safety	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								
Standards	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								
Others	Safety Standard	Design refer to UL1012,UL60950, TUVEN60950								
	EMC Standard	Design refer to EN55022,EN61000-3-2,-3, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024								
Weight	Weight	0.55Kg								
	Packing	30pcs/17Kg/0.86CUFT								

Outline and dimension



Derating Curve



Static Characteristics(B)

