

### 60W Triple Output Switching Power Supply



ET-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:

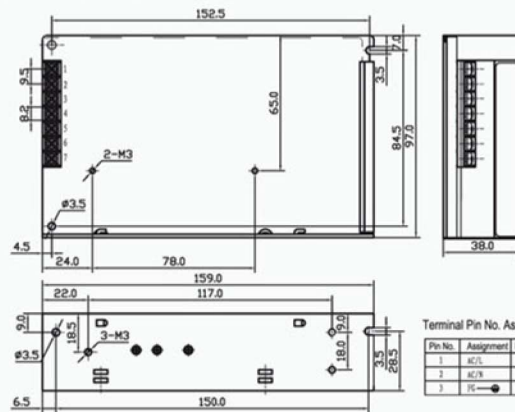
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μ & 47μf parallel capacitor.

- 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	ET-60A			ET-60B			ET-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								
	Withstand Voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC								
Standards	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M /500VDC								
	Safety Standard	Design refer to UL1012,UL60950, TUVEN60950								
Others	EMC Standard	Design refer to EN55022,EN61000-3-2,-3, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024								
	Weight	0.55Kg								
	Packing	30pcs/17Kg/0.86CUFT								

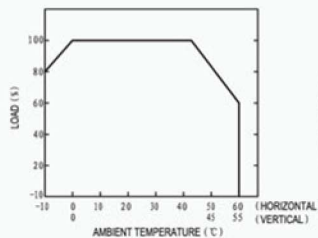
#### Outline and dimension



Terminal Pin No. Assignment:

Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -4	7	DC OUTPUT +1
2	AC/N	5	DC OUTPUT +2		
3	PE	6	DC OUTPUT GND		

#### Derating Curve



#### Static Characteristics(B)

