

### 100W Triple Output Switching Power Supply



ET-100...

#### Feature

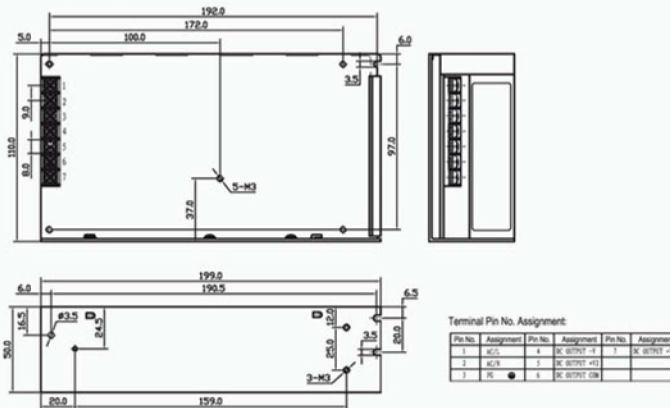
- High efficiency, high reliability
- Universal AC input /full range
- 100% full load burn-in test
- Protection:  
Short circuit/ Over load
- Cooling by free air convection
- 2 years warranty
- Dimensions: 199\*110\*50mm (L\*W\*H)
- Triple output high precision voltage

#### Notes:

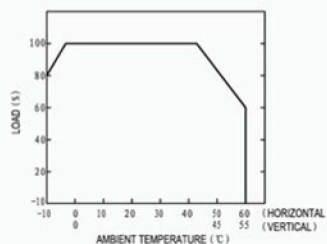
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μ & 47μf parallel capacitor.
- Each output can within current range. But total output 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-100C			ET-100D			
	CH1	CH2	CH3	CH1	CH2	CH3	
Output	DC Voltage	5V	12V	-15V	5V	12V	24V
	Voltage Tolerance	±2%	±6%	±6%	±2%	±6%	±6%
	Rated Current	10A	2.5A	1A	6A	2A	2A
	Current Range	2-12A	0.2-2.5A	0.1-1A	2-12A	0.1-2A	0.2-2A
	Rated Power	100W			102W		
	Ripple & Noise	80mVp-p	150mVp-p	150mVp-p	80mVp-p	150mVp-p	150mVp-p
	DC Voltage adi.Range	CH1: -5%, +10%					
	Setup,Rise,Hold Time	200ms,500ms,16ms					
Input	Voltage Range	85~132 VAC/170~264VAC 47~63 Hz, selected by switch 240~370VDC					
	AC Current	2.5A/115V1.25A/ 230V					
	Efficiency	77%			79%		
	Inrush Current	Cold start 30A/115V60A/230V					
	Leakage Current	<0.5mA/240VAC					
Protection	Over Load	105%~150%					
		Protection type: Shut down o/p voltage, re-power on to recover					
Environment	Working Temp & Humidity	-10°C~+50°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: 500VDC/100M					
Standards	Safety Standard	Design refer to UL1012					
	EMC Standard	Design refer to FCC PART15 J CONDUCTION CLASS B					
Others	Weight	0.83Kg					
	Packing	14pcs/13Kg/0.95CUFT					

### Outline and dimension



### Derating Curve



### Static Characteristics(B)

