

### 180W Quad Output Switching Power Supply



EQ-180...

#### Feature

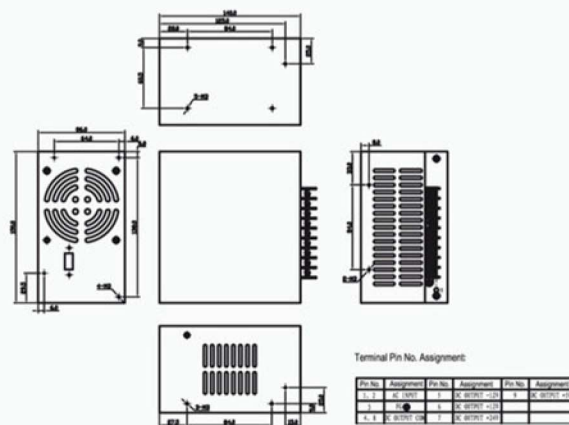
- High efficiency, high reliability
- Universal AC input/ full range
- 100% full load burn-in test
- Protections:
  - Short circuit/ Over load
- Cooling by free air convection
- 1 years warranty
- Dimensions: 150\*140\*86mm (L\*W\*H)

#### Notes:

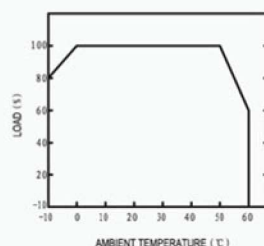
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μ & 47μf parallel capacitor.
- Each output can within current range. But total output 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		EQ-180			
		CH1	CH2	CH3	CH4
Output	DC Voltage	5V	12V	24V	-12V
	Voltage Tolerance	±2%	±6%	±5%	±8%
	Rated Current	8A	2A	4A	1A
	Current Range	1-10A	0.2-2A	0.5-5A	0.1-1A
	Rated Power	172W			
	Ripple & Noise	80mVp-p	150mVp-p	200mVp-p	180mVp-p
	DC Voltage adj.Range	CH1: -5%, +10%			
	Setup,Rise,Hold Time	200ms, 50ms, 20ms at full load			
Input	Voltage Range	88~132VAC/176~264 VAC 47-63Hz; selected by switch 248~370VDC			
	AC Current	4A/115 V 2A/ 230 V			
	Efficiency	80%			
	Inrush Current	Cold start 30A/115V 60A/230V			
Protection	Leakage Current	<0.5mA/240VAC			
	Over Load	105%~135% 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: 100M /500VDC			
Standards	Safety Standard	Design refer to 1950,TUV EN60950			
	EMC Standard	Design reefer to EN55022(CISPR22),EN61000-3-2,-3, EN55024,EN61000-4-2,3,4,5,6,8,11; ENV50204			
Others	Weight	1.28Kg			
	Packing	8pcs/11.24Kg/0.95CUFT			

### Outline and dimension



### Derating Curve



### Static Characteristics

