

**120W Quad Output
Switching Power Supply**

EQ-120...

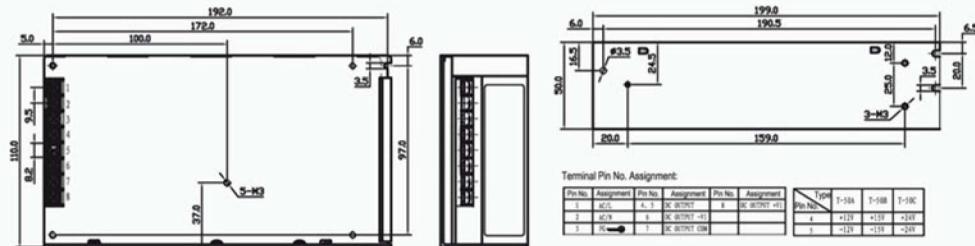
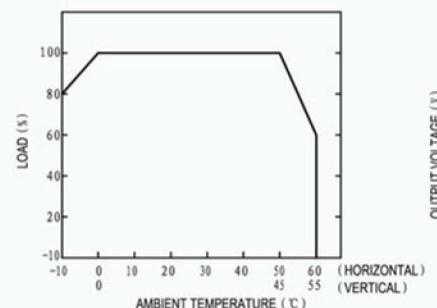
Feature

- High efficiency, high reliability
- AC input range selected by switch
- 100% full load burn-in test
- Protections:
 - Short circuit/ Over load/ Over voltage
 - Fixed switching frequency at 25KHz
 - 2 years warranty
 - Dimensions: 199*110*50mm (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-120B				EQ-120C				EQ-120D												
	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH3	CH1	CH2	CH3	CH3									
Output	DC Voltage	5V	12V	-5V	-12V	5V	15V	-5V	-15V	5V	12V	24V	-12V								
	Voltage Tolerance	±2%	±6%	±6%	±6%	±2%	+10 -5%	±6%	+10 -5%	±2%	±6%	±6%	±6%								
	Rated Current	11A	4A	1A	1A	10A	3.5A	1A	1A	8A	2A	2A	1A								
	Current Range	2-12A	0.5-5A	0.2-1A	0.2-1A	2-12A	0.5-5A	0.2-1A	0.2-1A	2-12A	0.5-5A	0.2-1A	0.2-1A								
	Rated Power	120W				122.5W				124W											
	Ripple & Noise	80mV	120mV	80mV	120mV	80mV	120mV	80mV	120mV	80mV	120mV	80mV	120mV								
	DC Voltage adi.Range	CH1: -5%, +10%																			
Input	Setup,Rise,Hold Time	200ms, 50ms, 20ms at full load																			
	Voltage Range	88~132VAC/176~264 VAC 47-63Hz; selected by switch 240~370VDC																			
	AC Current	2.8A/115V 1.6A/ 230 V																			
	Efficiency	77%				76%				78%											
Protection	Inrush Current	Cold start 35A																			
	Leakage Current	<3.5mA/240VAC																			
	Over Load	105%~135%																			
Environment	Over Voltage	CH1:115%~135%																			
	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																			
	EMC Standard	Design refer to EN55022(CISPR22),EN61000-3-2,-3, EN55024,EN61000-4-2,3,4,5,6,8,11; ENV50204																			
Others	Weight	0.86Kg																			
	Packing	14pcs/13Kg/0.95CUFT																			

Outline and dimension**Derating Curve****Static Characteristics**