

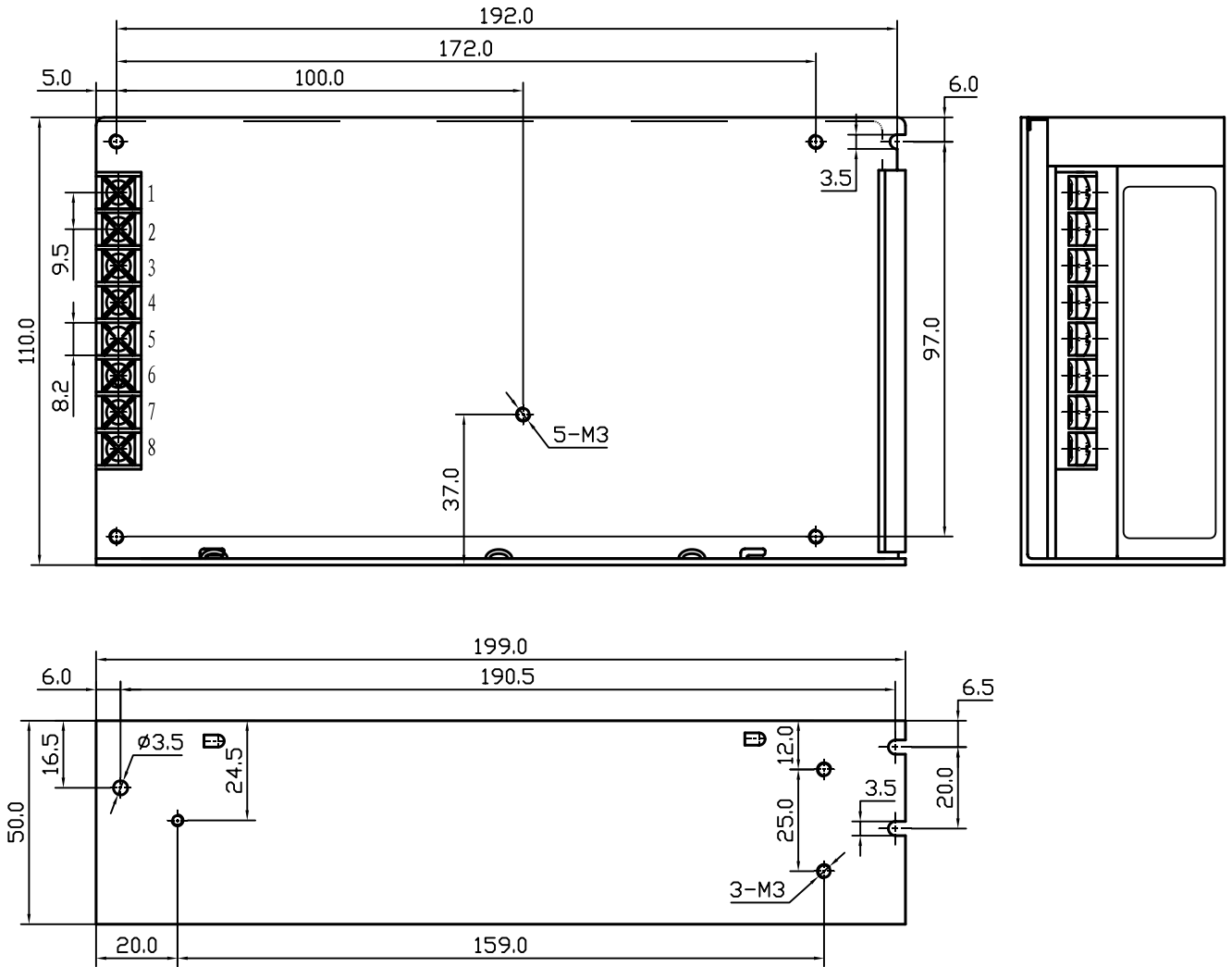
**Features:**

- 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)



MODEL		SKQ-120B				SKQ-120C				SKQ-120D			
		CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4
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	0.2-5A	0.2-2A	0.2-1A
	RATED POWER	120W				122.5W				124W			
	RIPPLE & NOISE	80mV	120mV	80mV	120mV	80mV	150mV	80mV	150mV	80mV	120mV	180mV	120mV
	DC ADJUSTMENT RANGE	CH1: -5%, +10%											
	SETUP, RISE, HOLD TIME	200ms, 50ms, 20ms at full load											
INPUT	VOLTAGE RANGE	88~132 VAC / 176~264 VAC 47-63Hz; selected by switch 240~370VDC											
	AC CURRENT	2.8A/115 V 1.6A/ 230 V											
	EFFICIENCY	77%				76%				80%			
	INRUSH CURRENT	Cold start 35A											
	LEAKAGE CURRENT	<3.5mA/240VAC											
PROTECTION	OVER LOAD	105%~135% Protection type: Shut down o/p voltage, re-power on to recover											
	OVER VOLTAGE	CH1:115%~135% Protection type: Shut down o/p voltage, re-power on to recover											
ENVIRONMENT	WORKING TEMP., HUMIDITY	-10℃~+60℃; 20%~90 %RH											
	STORAGE TEMP., HUMIDITY	-20℃~+85℃; 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 Ohms/500VDC											
STANDARD	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	0.86Kg											
	PACKING	16pcs/14.7Kg/0.95CUFT											
NOTE	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.</li> <li>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ &amp; 47 μ parallel capacitor.</li> <li>3. Each output can within current range. But total output power can't exceed rated load.</li> <li>4. 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.</li> </ol>												

■ Outline and Dimension:

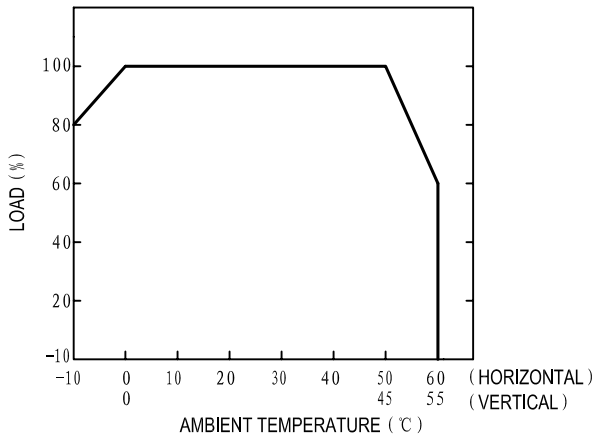


Terminal Pin No. Assignment:

Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4, 5	DC OUTPUT	8	DC OUTPUT +V1
2	AC/N	6	DC OUTPUT -V1		
3	FG	7	DC OUTPUT COM		

Pin No.	Type	T-50A	T-50B	T-50C
	4	+12V	+15V	+24V
5	-12V	-15V	-24V	

■ Derating Curve



■ Static Characteristics (B)

