

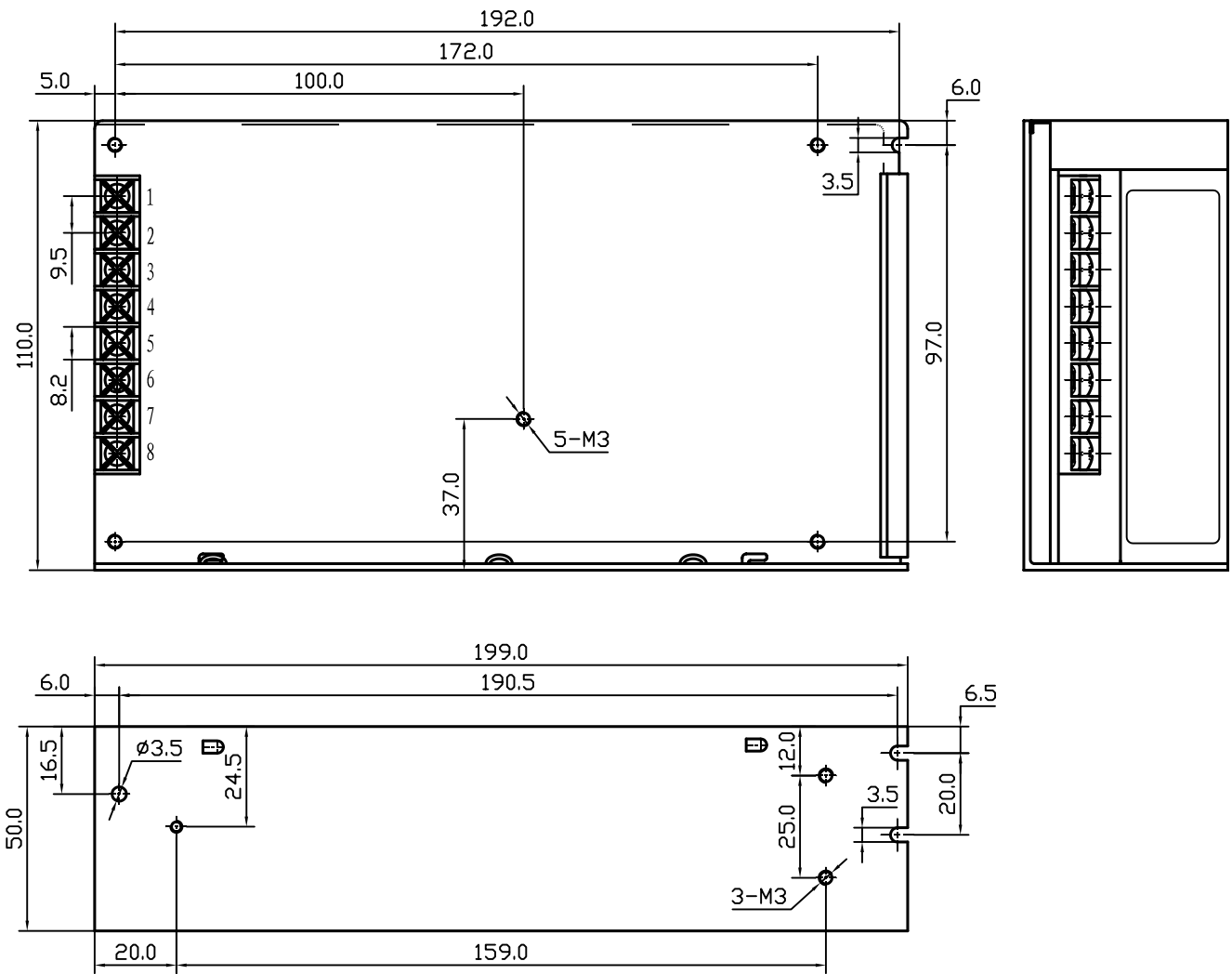
**Features:**

- High efficiency, high reliability
- AC input range selected by switch
- 100% full load burn-in test
- Protections: Short circuit/ Over load/ Over voltage
- Cooling by free air convection
- Fixed switching frequency at 28KHz
- 2 years warranty
- Dimensions: 199\*110\*50mm (L\*W\*H)



MODEL		SKD-120A		SKD-120B	
		CH1	CH2	CH1	CH2
OUTPUT	DC VOLTAGE	5V	12V	5V	24V
	VOLTAGE TOLERANCE	±2%	±6%	±2%	±7%
	RATED CURRENT	12A	5A	6A	4A
	CURRENT RANG	2-12A	0.5-5A	2-10A	0.4-4A
	RATED POWER	120W		126W	
	RIPPLE & NOISE	60mVp-p	120mVp-p	60mVp-p	150mVp-p
	DC ADJUSTMENT RANGE	CH1: -5%, +10%		CH1: -5%, +10%	
	SETUP, RISE, HOLD TIME	200ms,50ms,20ms at full load			
INPUT	VOLTAGE CURRENT	88~132 VAC / 176~264VAC 47~63 Hz; selected by switch 248~370VDC			
	AC CURRENT	2.8A/115 V 1.6A/ 230 V			
	EFFICIENCY	78%		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	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 refer to EN55022 (CISPR22), EN61000-3-2,-3, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024			
OTHERS	WEIGHT	0.82Kg			
	PACKING	16pcs/14.2Kg/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. Tolerance: includes set up tolerance, line regulation and load regulation.</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>				

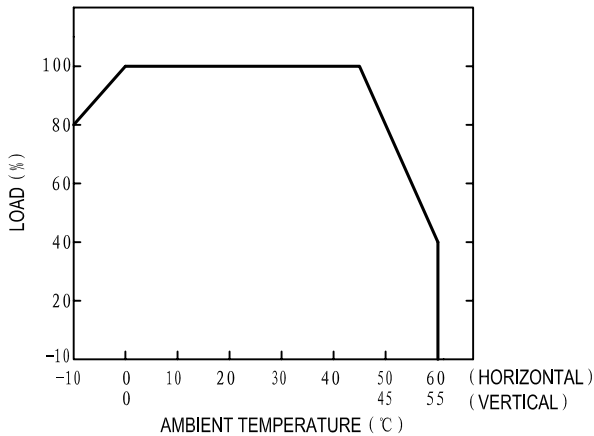
■ Outline and Dimension:



Terminal Pin No. Assignment:

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT +V2
2	AC/N	5, 6	DC OUTPUT COM
3	FG ⊕	7, 8	DC OUTPUT +V1

■ Derating Curve



■ Static Characteristics (B)

