

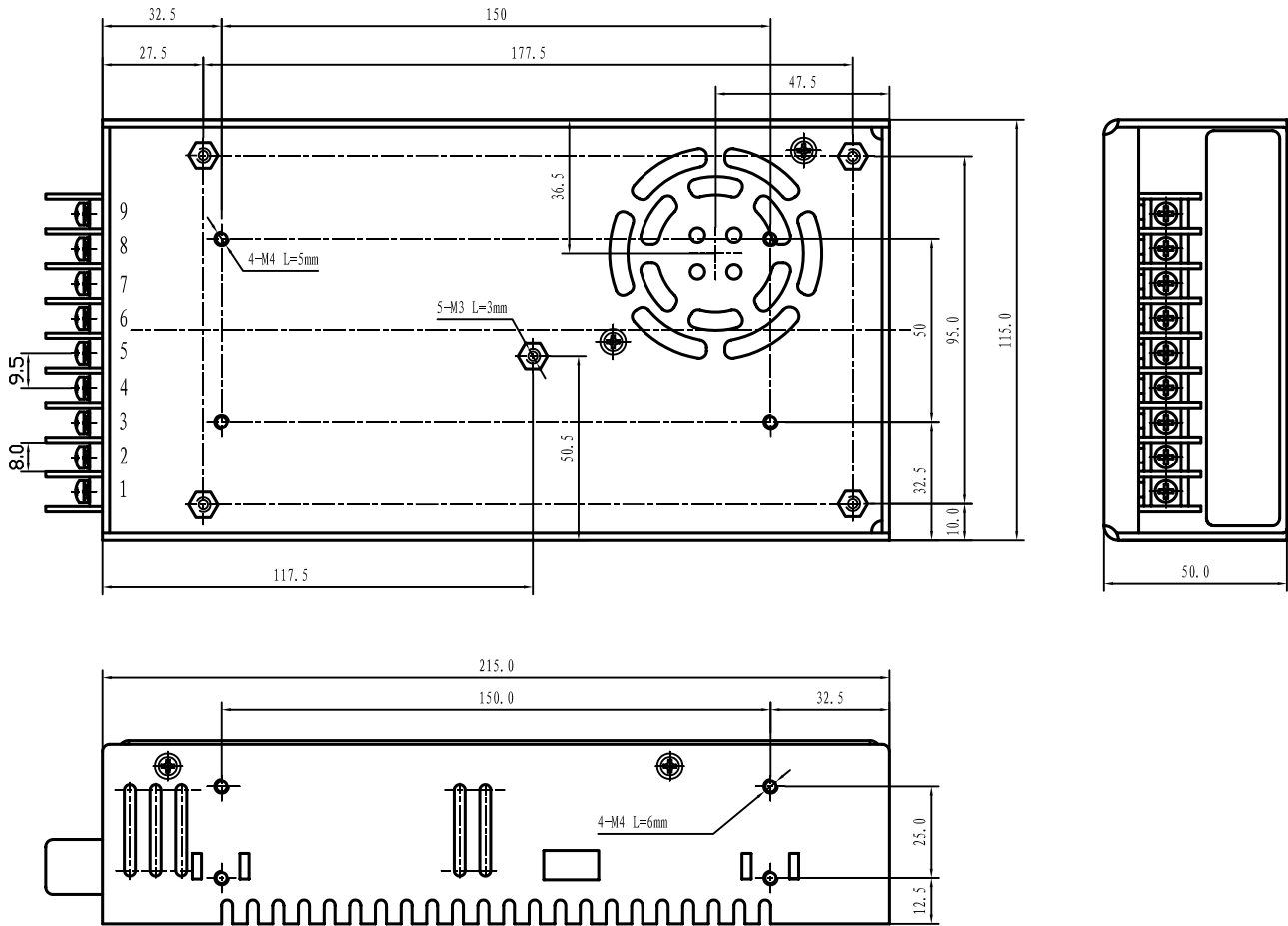
Features:

- High efficiency, high reliability
- AC input range selected by switch
- 100% full load burn-in test
- Protections: Short circuit/ Over load/ Over voltage
- Forced air cooling by built in DC fan
- Cooling Fan ON-OFF auto control
- Fixed switching frequency at 90KHz
- 2 years warranty
- Dimensions: 215*115*50mm (L*W*H)



MODEL		SKS-320 -5	SKS-320 -7.5	SKS-320 -12	SKS-320 -13.5	SKS-320 -15	SKS-320 -24	SKS-320 -27	SKS-320 -48	
OUTPUT	DC VOLTAGE	5V	7.5V	12V	13.5V	15V	24V	27V	48V	
	VOLTAGE TOLERANCE	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%	
	RATED CURRENT	50A	36A	25A	22A	20A	12.5A	11A	6.5A	
	CURRENT RANGE	0-50A	0-36A	0-25A	0-22A	0-20A	0-12.5A	0-11A	0-6.5A	
	RATED POWER	250W	270W	300W	297W	300W	300W	297W	312W	
	RIPPLE & NOISE	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p	
	DC,ADJUSTMENT RANGE	-10%, +14%	±20%	-16%, +10%	-12%, +11%	-10%, +20%	-16%, +10%	-4%, +18%	-15%, +17%	
	SETUP, RISE, HOLD TIME	2s,20ms,20ms at full load								
INPUT	VOLTAGE RANGE	88~132 VAC/176~264VAC 47~63 Hz; selected by switch 248~370VDC								
	AC CURRENT	6A/115 V 3.5A/ 230 V								
	EFFICIENCY	77%	80%	82%	83%	84%	86%	86%	87%	
	INRUSH CURRENT	Cold start 20A/115V 40A/230V								
	LEAKAGE CURRENT	<3.5mA/240VAC								
PROTECTION	OVER LOAD	105%~135%								
		Protection type: Fold back current limiting, recovers automatically after fault condition is removed								
	OVER VOLTAGE	115%~135%								
		Protection type: hiccup mode, recovers automatically after fault condition is removed.								
FAN CONTROL O.T.P	RT1≥65℃ FAN ON, ≤55℃ FAN OFF, ≥70℃ output shutdown (5~15V)									
	RT1≥70℃ FAN ON, ≤65℃ FAN OFF, ≥80℃ output shutdown (24~48V)									
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 UL1950								
	EMC STANDARD	Design refer to EN55022, EN55024, EN61000								
OTHERS	WEIGHT	1.08Kg								
	PACKING	12pcs/13.8Kg/0.98CUFT								
NOTE	<ol style="list-style-type: none"> All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ & 47 μ parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. 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. 									

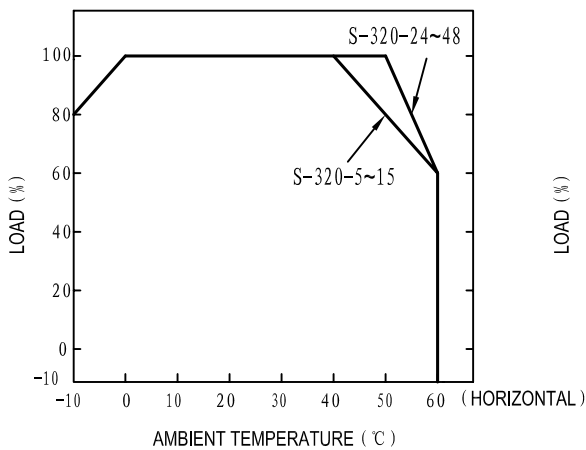
Outline and Dimension:



Terminal Pin No. Assignment:

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4~6	DC OUTPUT -V
2	AC/N	7~9	DC OUTPUT +V
3	FG		

Derating Curve



Static Characteristics

