

Features:

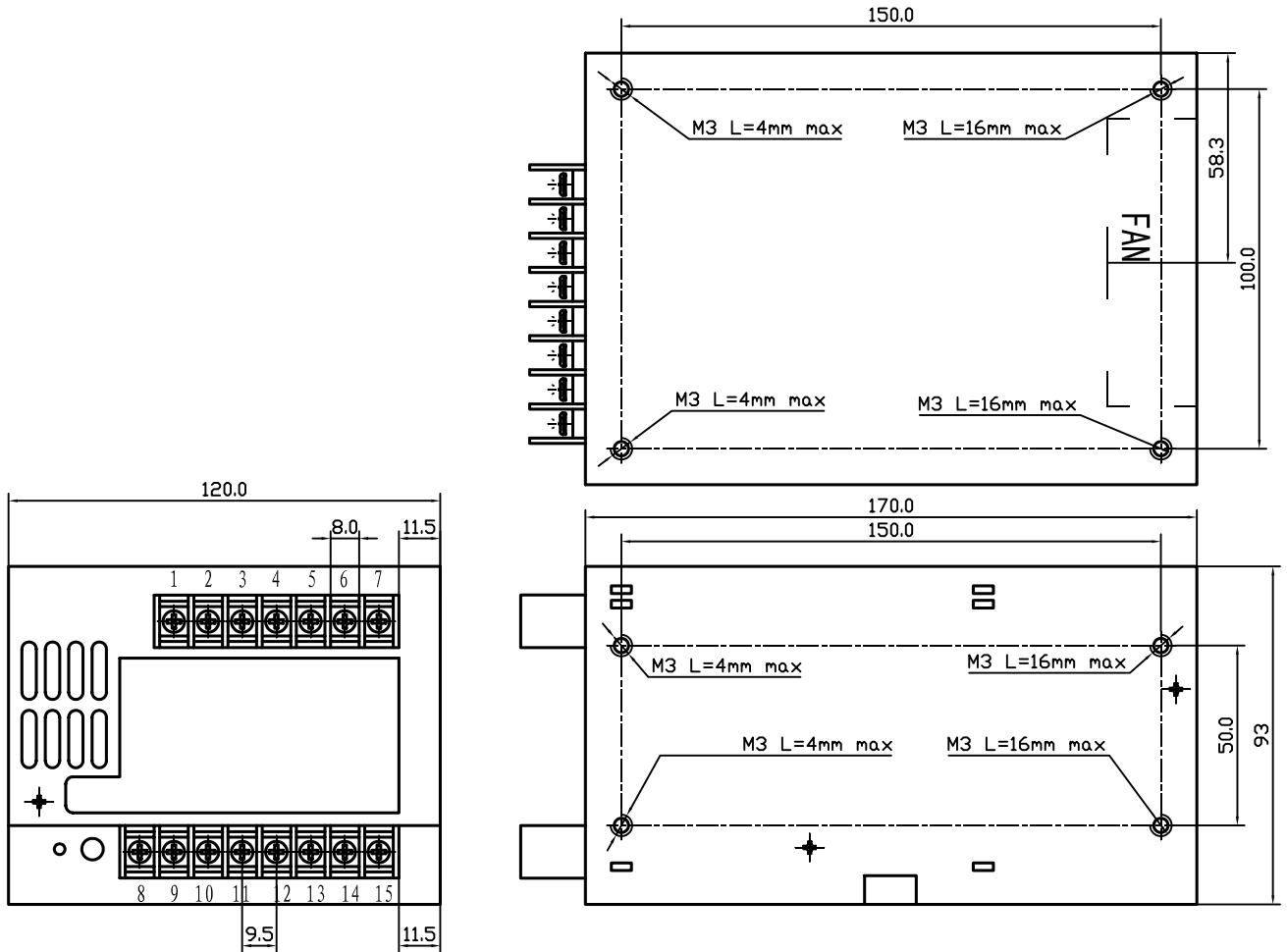
- High efficiency, high reliability
- Universal AC input/ full range
- 100% full load burn-in test
- Protections: Short circuit/ Over load/ Over voltage
- Forced air cooling by built in DC fan
- Built-in cooling Fan ON-OFF control
- Fixed switching frequency at 110KHz
- Built-in active PFC function, remote ON-OFF control, remote sense function



Dimensions: 170*120*93mm (L*W*H)

MODEL		SKSP-500 -12	SKSP-500 -13.5	SKSP-500 -15	SKSP-500 -24	SKSP-500 -27	SKSP-500 -48
OUTPUT	DC VOLTAGE	12V	13.5V	15V	24V	27V	48V
	VOLTAGE TOLERANCE	±1%	±1%	±1%	±1%	±1%	±1%
	RATED CURRENT	40A	36A	32A	20A	18A	10A
	CURRENT RANGE	0-40A	0-36A	0-32A	0-20A	0-18A	0-10A
	RATED POWER	480W	486W	480W	480W	486W	480W
	RIPPLE & NOISE	240mVp-p	240mVp-p	240mVp-p	240mVp-p	200mVp-p	300mVp-p
	DC ADJUSTMENT RANGE	-16%,+10%	-12%,+15%	-10%,+20%	-16%,+10%	-12%,+11%	-15%,+16%
	SETUP, RISE, HOLD TIME	1.5s,50ms,20ms at full load					
INPUT	VOLTAGE RANGE	88~264 VAC 47~63 Hz; 124~370VDC					
	POWER FACTOR	PF>0.95/230VAC PF>0.95/115VAC at full load					
	AC CURRENT	7A/115 V 3.5A/ 230 V					
	EFFICIENCY	84%	84%	83%	85.5%	86.5%	87%
	INRUSH CURRENT	18A/115V 36A/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	RTH1 OR RTH2≥50℃ FAN ON, ≤45℃ FAN OFF, ≥70℃ output shutdown						
ENVIRONMENT	WORKING,TEMP., HUMIDITY	-10℃~+50℃; 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,TUV EN60950					
	EMC STANDARD	Design refer to EN55022, EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11;ENV50204					
OTHERS	WEIGHT	1.9Kg					
	PACKING	8pcs/15.2kg/1.06CUFT					
NOTE	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. 2. 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. 3. Tolerance: includes set up tolerance, line regulation and load regulation. 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. 						

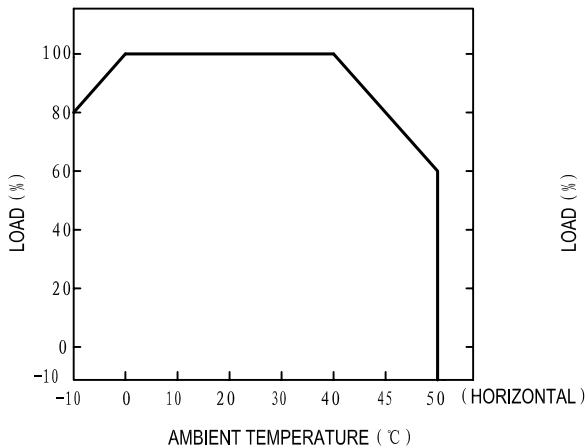
Outline and Dimension:



Terminal Pin No. Assignment:

Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4, 5	NC	8	+S	15	-S
2	AC/N	6	R. C. G	9~11	DC OUTPUT +V		
3	FG	7	R. C	12~14	DC OUTPUT -V		

Derating Curve



Output Derating VS Input Voltage

