



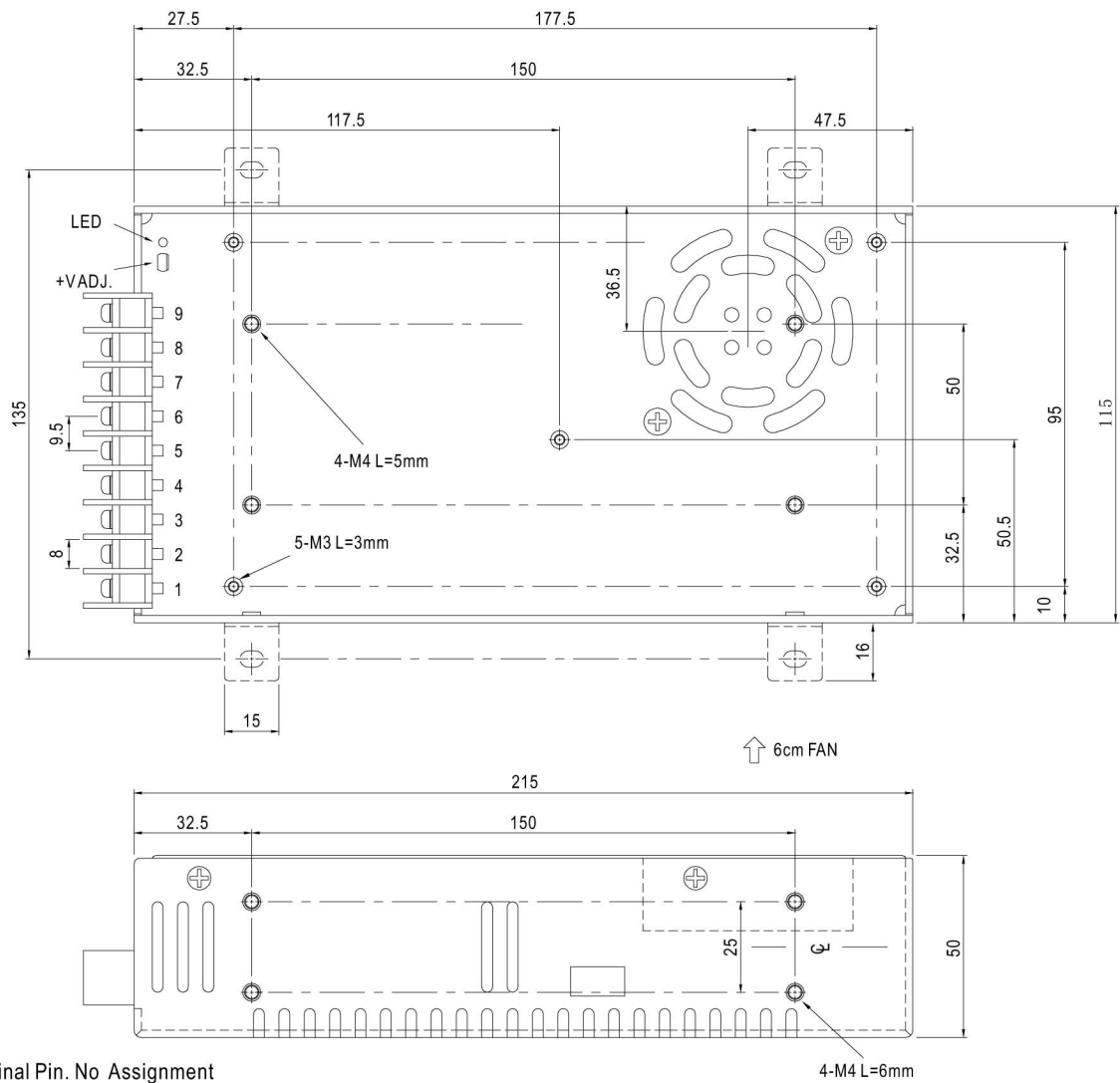
- Features :**
- AC input range selectable by switch
 - Protections: Short circuit/Over load/Over voltage
 - Forced air cooling by built-in DC fan
 - LED indicator for power on
 - 100% full load burn-in test
 - 2 years warranty



MODEL		SA5C400W12	SA5C400W24	SA5C400W36	SA5C400W48
OUTPUT	DC VOLTAGE	12V	24V	36V	48V
	RATED CURRENT	33.3A	16.7A	11 A	8.5A
	CURRENT RANGE	0 ~ 33.3A	0 ~ 16.7A	0 ~ 11 A	0 ~ 8.5A
	RATED POWER	400W	400W	400W	400W
	RIPPLE & NOISE (max.) Note.2	150mVp-p	150mVp-p	200mVp-p	240mVp-p
	VOLTAGE ADJ. RANGE	10 ~ 13.2V	20 ~ 26.4V	32.4 ~ 39.6V	43.2 ~ 52.8V
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%	±1.0%	±1.0%
	SETUP, RISE TIME	200ms,20ms/230VAC 200ms,20ms/115VAC (at full load)			
	H OLD TIME	30ms/230VAC 25ms/115VAC (at full load)			
INPUT	VOLTAGE RANGE	90 ~ 132VAC / 180 ~ 264VAC by switch 255 ~ 370VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	EFFICIENCY (Typ.)	81%	82%	86%	86%
	AC CURRENT	7 A/115VAC 4 A /230VAC			
	INRUSH CURRENT (max.)	30A/115VAC 50A/230VAC			
	LEAKAGE CURRENT	<3.5mA / 240VAC			
PROTECTION	OVERLOAD	105 ~ 150% rated output power Protection type : Constant voltage limiting recovers automatically after fault condition is removed.			
	OVER VOLTAGE	Protection type : Hiccup mode, recovers automatically after fault condition is removed.			
	OVER TEMP	protection type:Output voltage decline,recovers automatically after temperature fall			
	FUNCTION	FAN ON OR OFF CONTROL	RTH2>=50℃THE FAN ON , <=45 ℃THE FAN OFF(3.3-7.5v) RTH3>=55℃THE FAN ON , <=50 ℃THE FAN OFF(12-48v)		
ENVIRONMENT	WORKING TEMP.,HUMIDITY	-10 ~ +60℃ (Refer to output load derating curve)			
	WORKING HUMIDITY	20 ~ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-20 ~ +85℃, 10 ~ 95% RH			
	TEMP. COEFFICIENT	±0.03%/℃ (0 ~ 50℃)			
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes			
SAFETY & EMC	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC 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			
OTHERS	DIMENSION	215*115*50mm (L*W*H)			
	PACKING	0.88Kgs/pcs , 20pcs/18Kg s			
NOTE	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 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation.				

Mechanical Specification

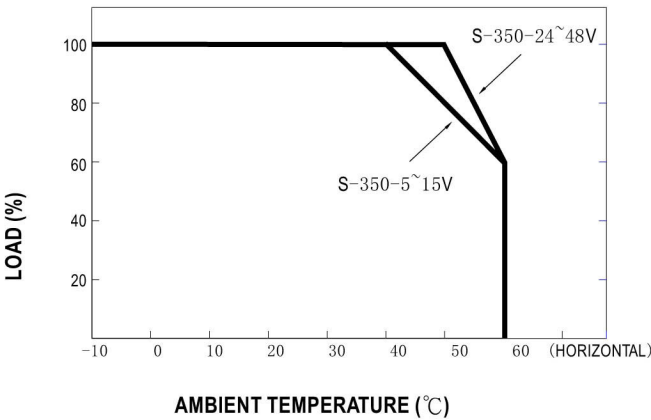
Unit: mm



Terminal Pin. No Assignment

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

Derating Curve



Static Characteristics (24V)

