

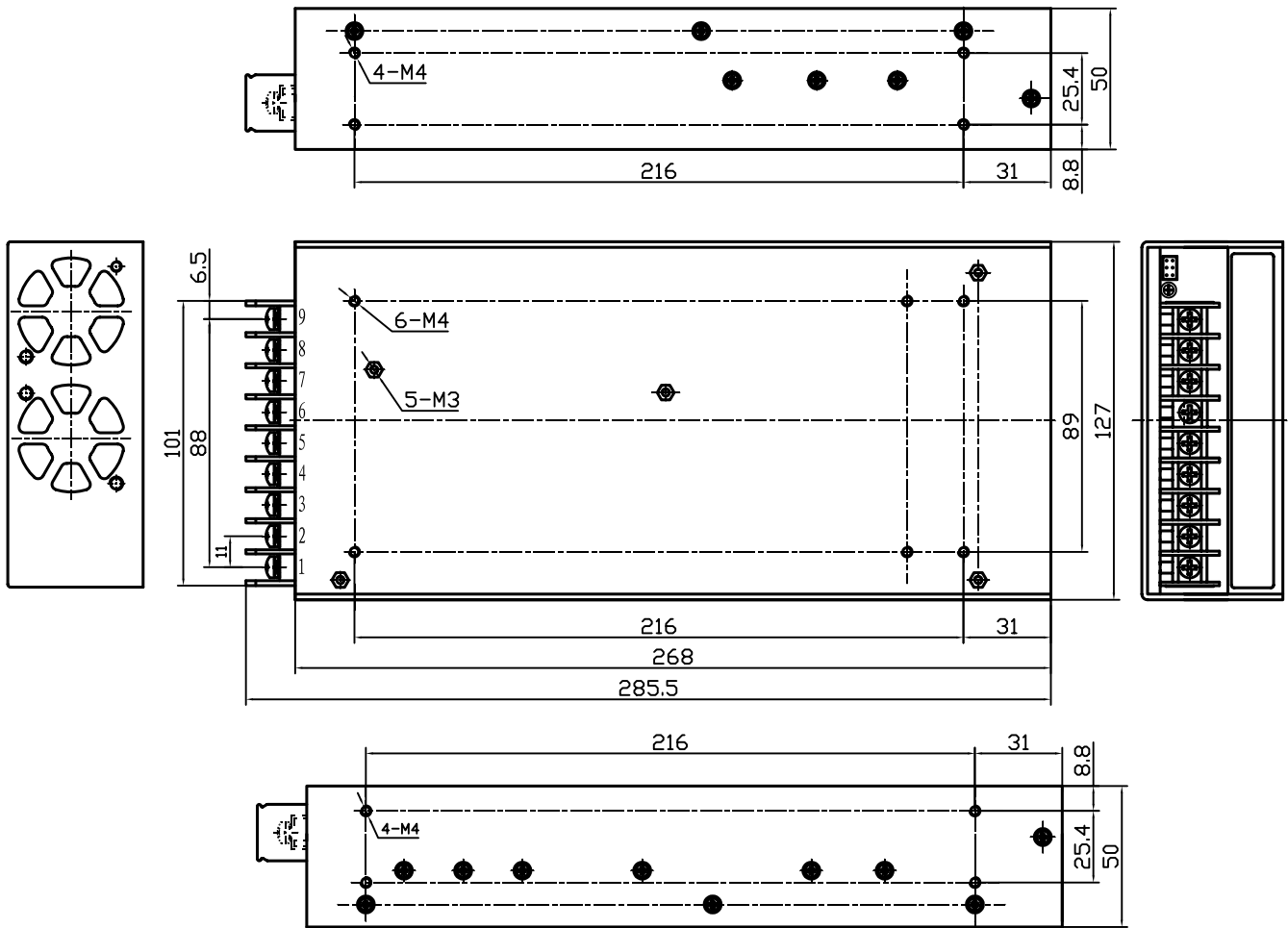
Features:

- High efficiency, high reliability
- Universal AC input/ full range
- Built-in active PFC function, PF>0.93/230VAC
- 100% full load burn-in test
- Protections: Short circuit/ Over load/ Over voltage/ Over temperature
- Built-in remote ON-OFF control and remote sense function
- Forced air cooling by built-in DC fan
- 3 years warranty
- Dimensions: 268*127*50mm(L*W*H)



MODEL		HSP-501 -5	HSP-501 -12	HSP-501 -13.5	HSP-501 -15	HSP-501 -24	HSP-501 -27	HSP-501 -48	
OUTPUT	DC VOLTAGE	5V	12V	13.5V	15V	24V	27V	48V	
	VOLTAGE TOLERANCE	±2%	±1.5%	±1.5%	±1.5%	±1.0%	±1.0%	±1.0%	
	RATED CURRENT	85A	42A	37A	34A	21A	18.5A	11A	
	CURRENT RANGE	0-85A	0-42A	0-37A	0-34A	0-21A	0-18.5A	0-11A	
	RATED POWER	425W	504W	499.5W	510W	504W	499.5W	528W	
	RIPPLE & NOISE	120mVp-p	120mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p	250mVp-p	
	DC ADJUSTMENT RANGE	±10%	±10%	±10%	±10%	±10%	±10%	±10%	
	SETUP, RISE, HOLD TIME	1000ms,80ms,20ms at full load							
INPUT	VOLTAGE RANGE	90~264VAC (5V: 85~264VAC) 47~63 Hz; selected by switch 120~370VDC							
	AC CURRENT	7A/115 VAC 3.5A/230VAC							
	POWER FACTOR	PF>0.93/230VAC							
	EFFICIENCY	78%	84%	84%	84%	85%	85%	86%	
	INRUSH CURRENT	Cold start 40A /230VAC							
	LEAKAGE CURRENT	<1.5mA/ 264VAC/60Hz							
PROTECTION	OVER LOAD	110%~130%							
		Protection type: Constant current limiting, recovers automatically after fault condition is removed							
	OVER VOLTAGE	110%~130%							
		Protection type: Shut down o/p voltage, re-power on to recover							
OVER TEMP.	When TSW1 ≥80℃, TSW2 ≥90℃								
	Protection type: Shut down o/p voltage, recovers automatically after temperature goes down								
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, 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	UL60950-1, EN60950-1							
	EMC STANDARD	EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11;ENV50204, EN61000-6-2							
OTHERS	WEIGHT	1.7Kg							
	PACKING	6pcs/11.3g/0.67CUFT							
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. 								

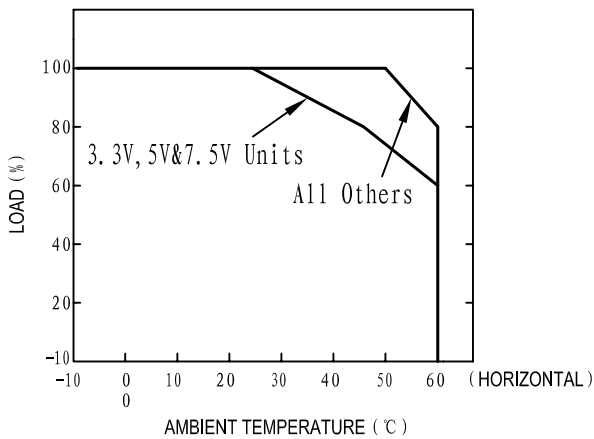
■ Outline and Dimension:



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 (A)

