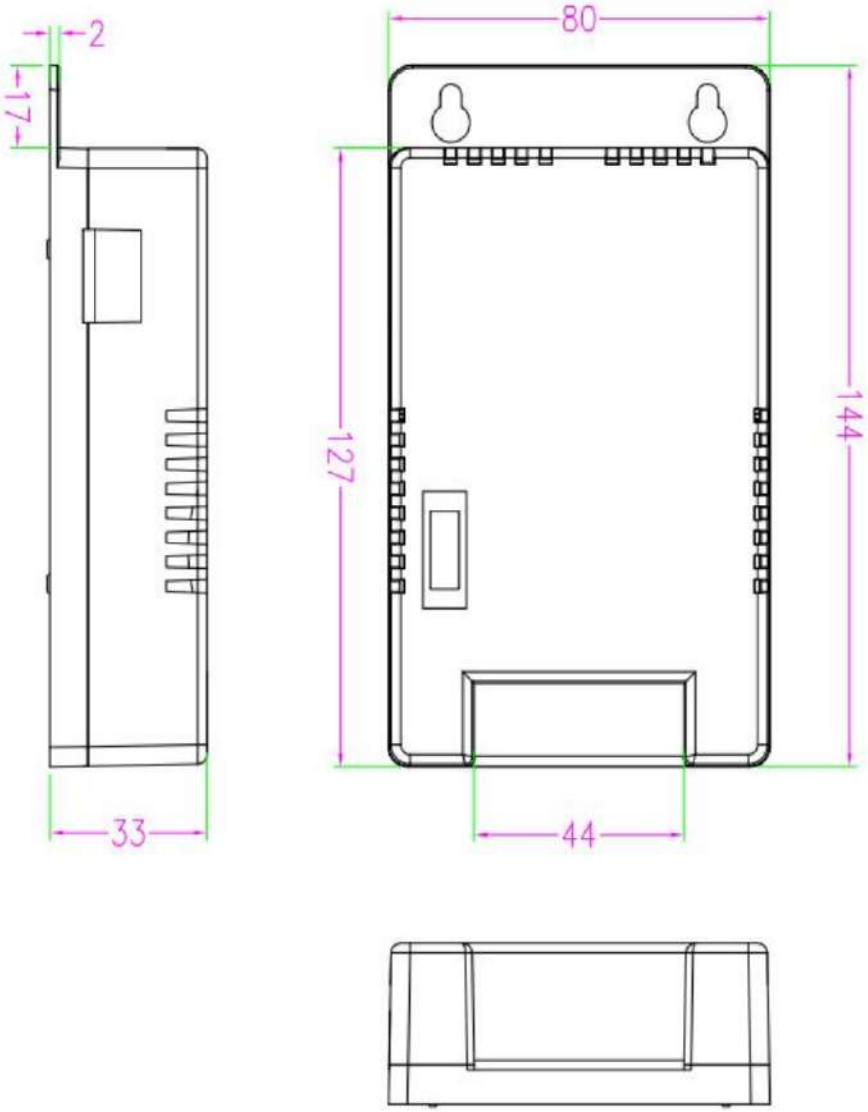
Features:

- 4 channel output
- With cable compensation switch
- LED indicator for each channel
- Thermistor for each channel
- Plastic housing
- Cooling by free air convection
- Bult-in constant current limiting circuit
- 100% full load bult-in test
- 2 years warranty

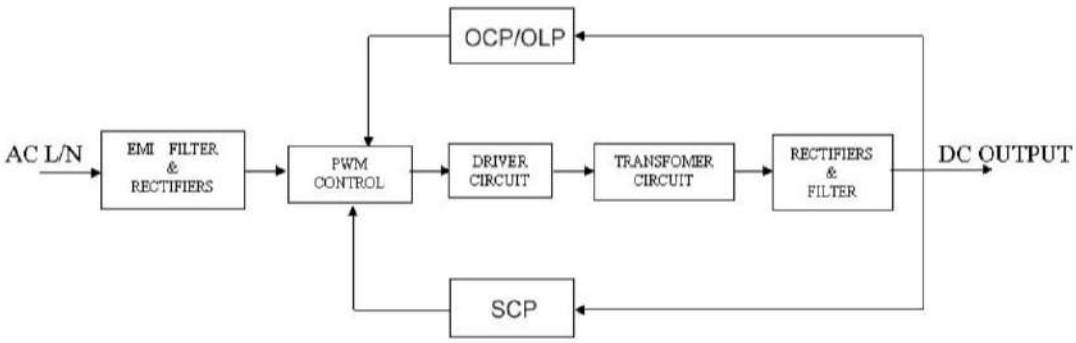


Model		12V 5A 4CH		
Output	DC Voltage（Selected by switch）	12V	13.5V	15V
	Rated Current	5A	4.4A	4A
	Current Range	0~5A	0-4.4A	0~4A
	Rated Power	60W		
	Ripple & Noise (max.)	120mVp-p	135mVp-p	150mVp-p
	Voltage Range	11.4~12.6V	12.82~14.17V	14.25~15.75V
	Line Regulation	±1.0%	±1.0%	±1.0%
	Load Regulation	±5.0%	±5.0%	±5.0%
	Setup,Rise time	2500ms,15ms at full load		
	Hold Up Time(Typ.)	55ms at full load		
Input	Voltage Range	150~285VAC		
	Frequency Range	47~63HZ		
	Efficiency(Typ.)	86%	86%	86%
	AC Current (Typ.)	1A/220VAC		
	Inrush Current (Typ.)	Cold Start：40A/220VAC		
	Leakage Current	Plastic housing, no leakage current		
Protection	Over Load	110~200% rated output power		
		Protection type: Shut down O/P,recovers automatically		
	Over Current	110~200% rated output current		
		Protection type: Shut down O/P,recovers automatically after over current removed		
	Short circuit	Protection type: Shut down O/P,recovers automatically after fault removed		
Environment	Working Temperature	-20~+45°C		
	Working Humidity	20~90% RH Non-condensing		
	Storage temp.& humidity	-20~+85°C, 10~95%RH		
	Temp. coefficient	±0.03%/°C (0~50°C)		
	Vibration	10 ~ 500Hz, 3G 10min./1 cycle,60min.each along X、Y、Z axes		
Safety & EMC	Safety Standards	UL60950-1 standard		
	Hi-pot test	3KV 5mA for 60S		
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH		
Surge	Differential mode	2KV		
Others	Standby Power	<0.6Watt		
	MTBF	10000hrs MIL-HDBK-217F (25°C)		
	Dimension	144*80*33 mm (L*W*H)		
	Weight	0.2kg/pc		
Note	1. All parameters NOT specially mentioned are measured at 220VAC input, rated load and 25°C 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.			
	4. Derating may be needed under low input voltages.			

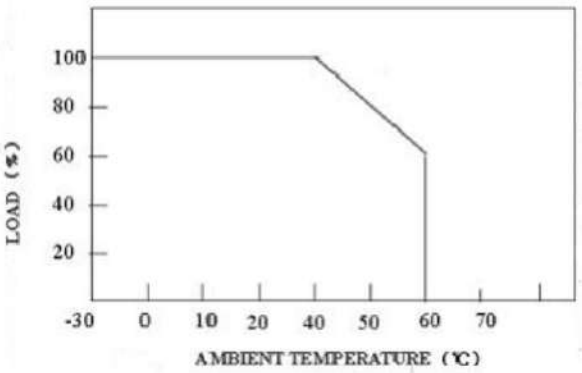
Mechanical Specification



Block Diagram



Derating Curve



Output Derating VS Input Voltage

