

WD12V 16CH,8A

Features:

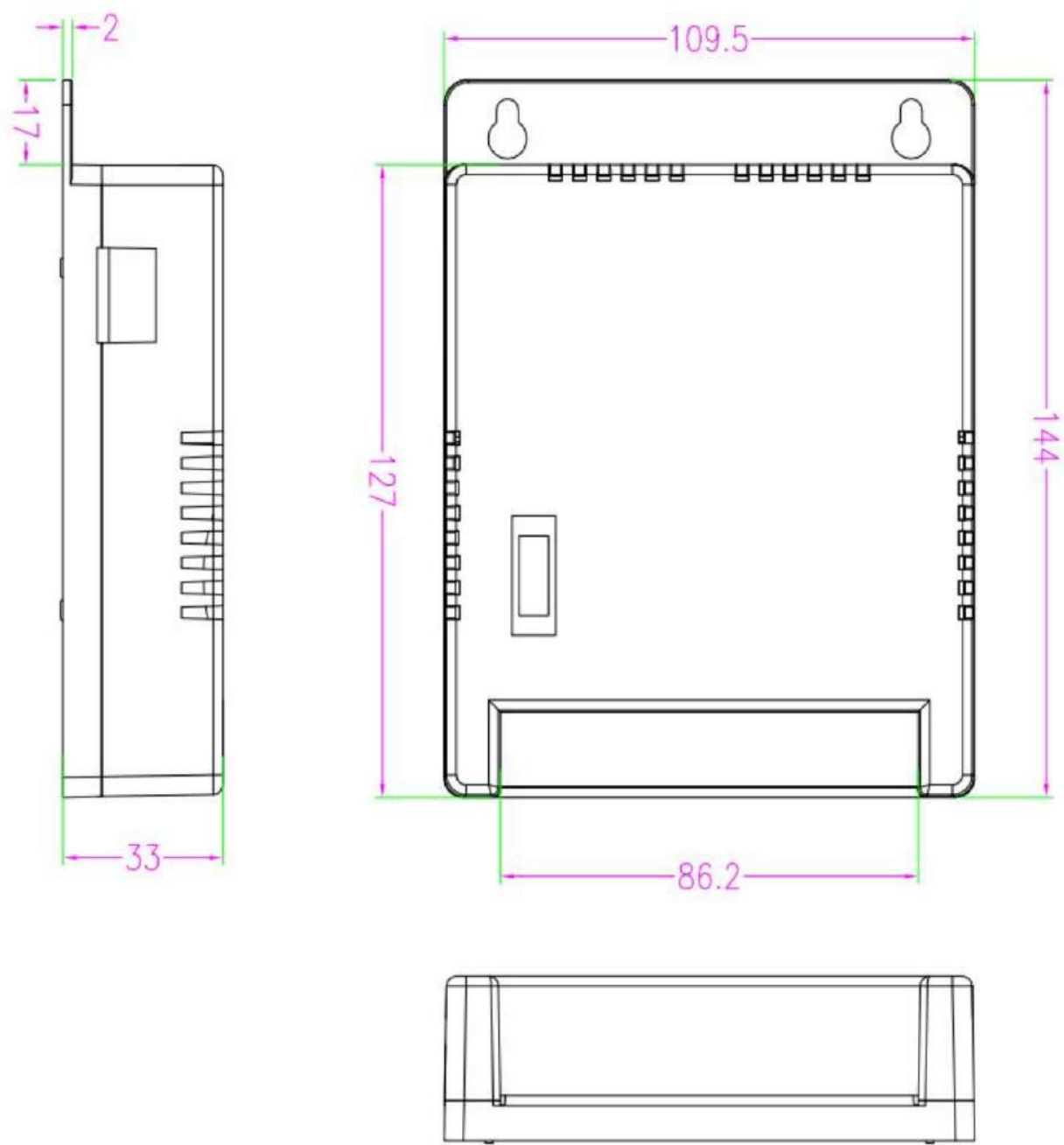
- 16 channel output
- With cable compensation switch
- LED indicator for each channel
- Thermistor for each channel
- Plastic housing
- Cooling by free air convection
- Built-in constant current limiting circuit
- 100% full load built-in test
- 2 years warranty



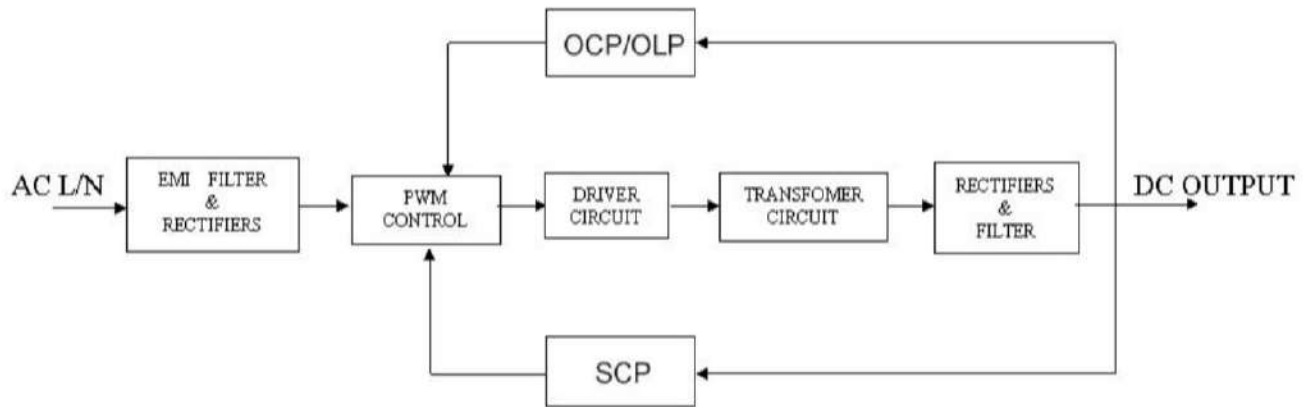
Model	WD12V 16CH,8A			
Output	DC Voltage (Selected by switch)	12V	12V	12V
	Rated Current	8A	8.9A	8A
	Current Range	0~10A	0-8.9A	0~8A
	Rated Power	120W		
	Ripple & Noise (max.)	120mVp-p	135mVp-p	150mVp-p
	Voltage Range	11.4~12.6V	12.82~14.17V	14.25~15.75V
	Line Regulation	±1.0%	±1.0%	±1.0%
	Load Regulation	±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		
	EMC Emission	Compliance to EN55022(CISPR22) Class B, EN61000-3-2,-3, GB9254 Class B		
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A		
Surge	Differential mode	2KV		

Others	Standby Power	<1.3Watt
	MTBF	10000hrs MIL-HDBK-217F (25°C)
	Dimension	144*109.5*33 mm (L*W*H)
	Weight	0.27kg/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.	

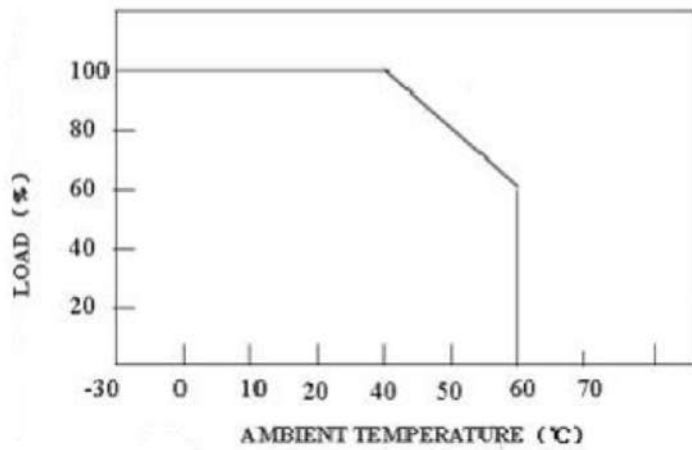
Mechanical Specification



Block Diagram



Derating Curve



Output Derating VS Input Voltage

