



Features:

1. Constant Voltage design
2. Universal AC input
3. Fully encapsulated with IP67 level
4. Withstand 300VAC surge input for 5 seconds
5. Protections: Short circuit/Over load/Over current
6. Cooling by free air convection
7. 100% full load burn-in test
8. High Reliability

IP67 CE  LPS SELV EQUIVALENT 

SPECIFICATION

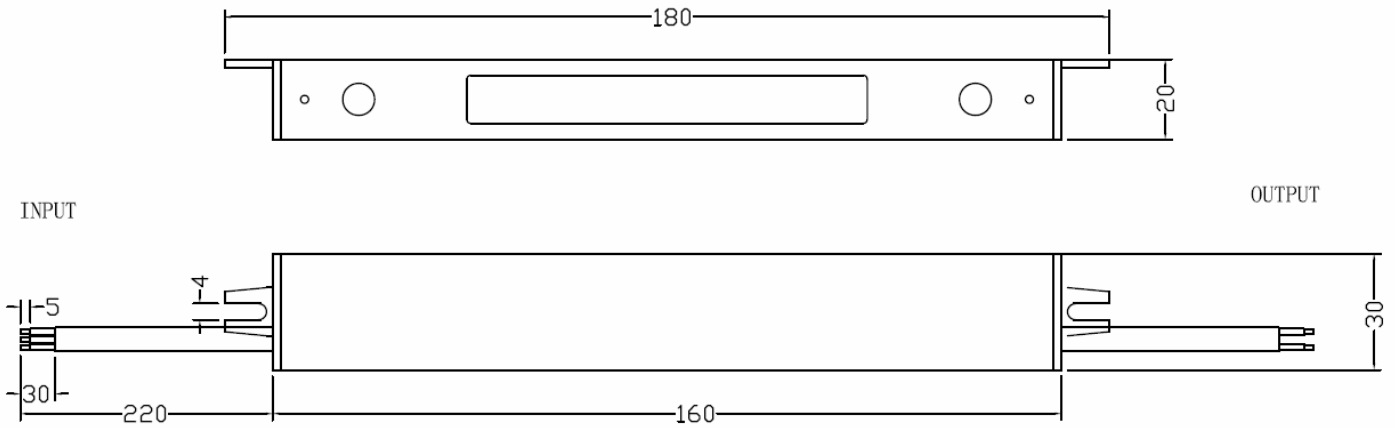
MODEL		12-20	24-20
OUTPUT	Rated DC voltage	12V	24V
	Rated current	1.66A	0.83A
	Current range	0~1.66A	0~0.83A
	Rated Power	20W	
	Voltage tolerance	12±0.5V	24±0.5V
	Ripple & Noise	200mVp-p	
	Load regulation	±2%	
	Setup, Rise time	50ms/230VAC	
	Hold up time	20ms/230VAC	
INPUT	Voltage range	170~260VAC;	
	Frequency range	47~63Hz	
	Efficiency (Typ.)	>70%	>70%
	Leakage current	0.25mA/240VAC	
PROTECTION	Over Current	110%~150%	
	Short circuit	Protection type: Hiccup mode	
ENVIRONMENT	Working TEMP.	-25℃~50℃	
	Storage TEMP.	-40℃~80℃	
	Working Humidity	20~90% RH non condensing, refer to IP67	
	Vibration	10~500Hz, 2G 10min/1cycle,period for 60min,each along X,Y,Z axes	
	TEMP. coefficient	±0.03%/℃ (0~50℃)	
SAFETY & EMC	Safety Standards	IP67 approved; Design refer to LVD EN61347-2-13:2005,EN61347-1:2008	
	Withstand Voltage	I/P-O/P:3KVAC, I/P-COVER: 3KVAC , O/P-COVER:500VAC	
	Isolation Resistance	I/P-O/P:>100M Ohms/500VDC/25℃/70% RH	
	EMC	EN55015:2006/A2:2009,EN61000-3-2:2006/A2:2009,EN61000-3-3:20	
OTHERS	MTBF	50KHours (25℃)	
	Dimension	180*30*20mm(L*W*H)	

Weight

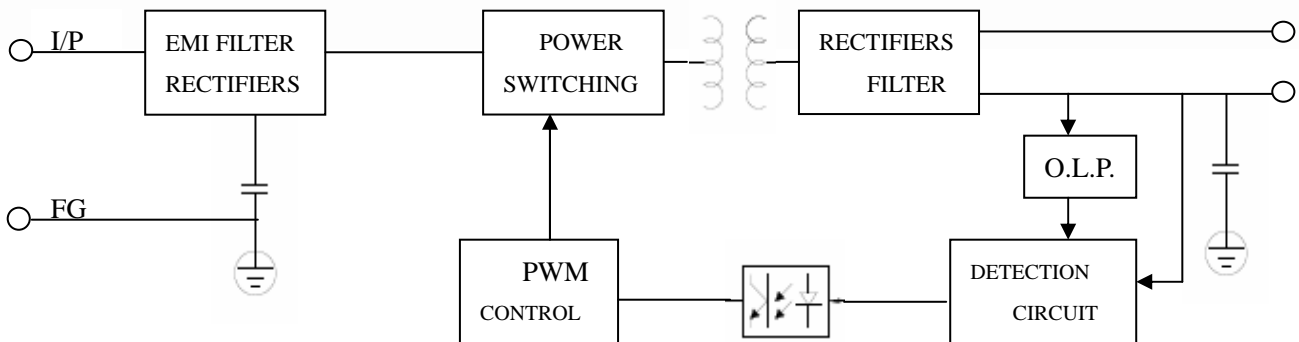
0.18Kg,80pcs/15.2Kg/0.023CBM

Mechanical Specification

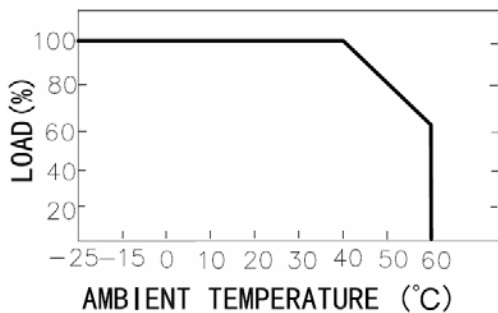
Unit:mm



Block Diagram



Derating Curve



Static Characteristics

