



120W STANDARD SWITCHING POWER SUPPLY SINGLE OUTPUT

(Dimension)
 L:188 mm
 W:53 mm
 H:23mm
 Weight: 0.20Kg



■Applications

- .Industrial automation machinery
- .Mechanical,electrical equipment
- .LED slim lighting equipment
- .IT communication equipment
- .Aging equipment

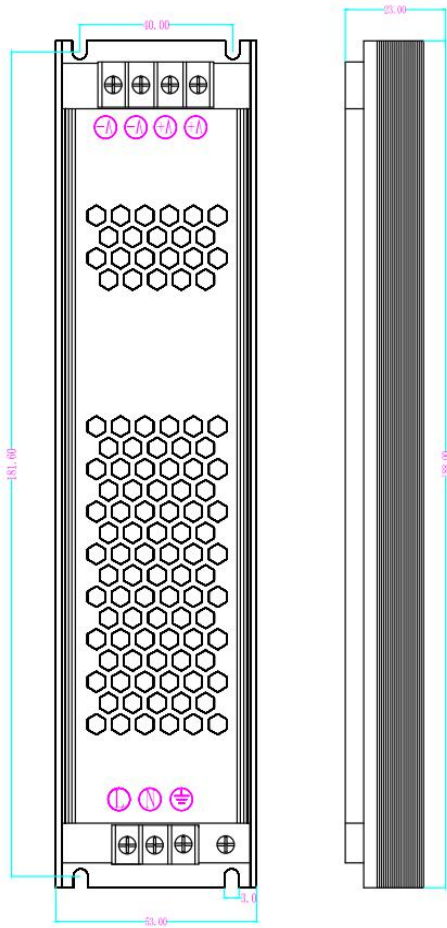
■Features

- .Over-load,Over-temp. protection
- .cooling by free air convection
- .LED power indicator
- .100% full load burn-in test
- .No-load consumption<0.7W
- .Withstand 300VAC surge input for 5 seconds
- .Working temperature up to 60°C
- .5G vibration tested
- .High efficiency,long life,high reliability
- .2 years warranty

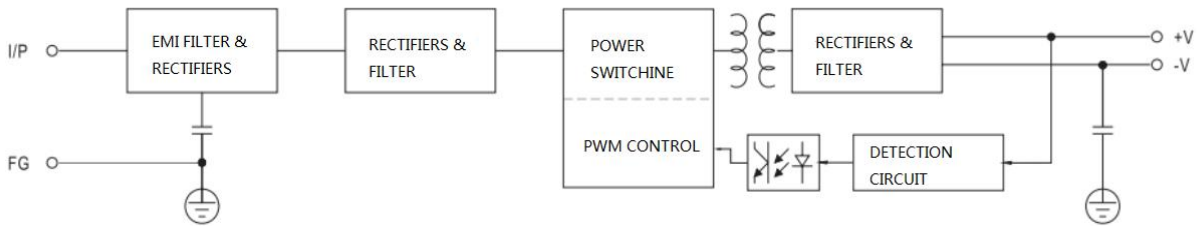
Specifications

Product No.	SSL-120-12	SSL-120-24		
Output	DC voltage	12V	24V	
	Rated Current	10A	5A	
	Current Range	0-10A	0-5A	
	Rated Power	120W	120W	
	Ripple and Noise(Max)Note.2	150mVp-p	240mVp-p	
	Voltage adjustment	10.8-13.2V	22-27.6V	
	Voltage tolerance Note3	±1%	±1%	
	Linear Regulation Note4	±0.5%	±0.5%	
	Load Regulation Note5	±0.5%	±0.5%	
	Setup and rise time	1000ms,30ms/230VAC 1000ms,30ms/110V		
Hold up time (Typ)	50ms/230VAC 10ms/115AC			
Input	Voltage range	176-264AC/250-360VDC		
	Frequency range	50HZ		
	Efficiency (Typ)	80%	82%	
	AC current (Typ)	1.42A/176V 1.1A/220V		
	Surge (Inrush) current (Typ)	Cold start: 65A/230VAC		
	Leakage Current	<2mA/240VAC		
Protection	Overload	>105% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed		
	Over temperature	Overheat protection starts when temperature in transistor over 140°C Recovers automatically after temperature is normal.		
	Working temp.	-20~+50°C (Please refer to the attenuation curve)		
	Working humidity	20~90% RH,Non-condensing		
Environment	Storage temp & hmdty	-40~+80°C		
	Temp. coefficient	±0.03%/°C (0~50°C)		
	Vibration proof	10~500HZ,5G 10min/1 cycle, period for 60min. each along X、Y、Z axes		
	Safety regulation	GB195110.1-2004/IEC61347-1:2003 CE(EMC+LVD)		
Safety reg. & EMC (Note.6)	Voltage proof	I/P-O: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/25°C/70% RH		
	EMC irradiation	EN 55022A:2006;EN61000-3-2:1995+A2:2005		
Others	EMC disturbance	EN 61000-3-2:2006;		
	Dimensions	188*53*23mm(L*W*H)		
Others	Packing	0.20kg/PCS;50PCS/10.3kg		
	Remark	1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25°C environment temp. 2.Ripple and noise: measured with a 12" double ripple cord connected in parallel with a 0.1μF and a 47 μF capacitor on 20MHz bandwidth. 3.Tolerance(Accuracy): including preset errors, linear adjustment rate and load adjustment rate. 4.Linear adjustment: taken under rated load from low voltage to high voltage. 5.Load adjustment: taken under 0~100% of rated load. 6. Power supply is taken as part of the whole system, and needs to be confirmed with terminal instruments for EMC.		

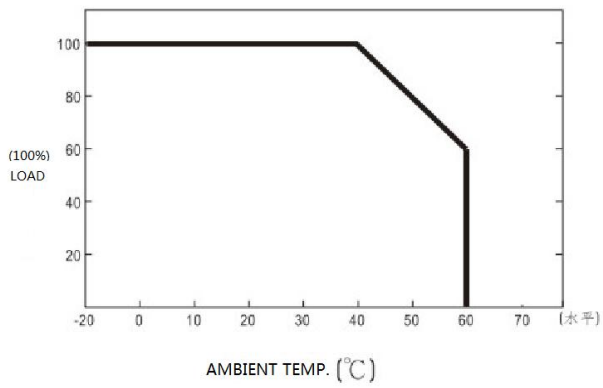
■ Appearance



■ Frame diagram



■ Derating curve



■ Static Characteristics

