60W STNADARD SWITCHING POWER SUPPLY SINGLE OUTPUT

TOP DRIVER®

（Dimension）
L:130 mm
W:50 mm
H:31mm
Weight：0.19Kg

■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℃
·5G vibration tested
·High efficiency,long life,high reliability
·2 years warranty

Specifications

Product No.		SLC-60-12	SLC-60-24				
Output	DC voltage	12V	24V				
	Rated Current	5A	2.5A				
	Current Range	0-5A	0-2.5A				
	Rated Power	60W	60W				
	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	100-240VAC					
	Frequency range	47-63HZ					
	Efficiency（Typ）	80%	81%				
	AC current （Typ）	0.57A/100V 0.23A/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℃					
		Recovers automatically after temperature is normal.					
Environment	Working temp.	-20～+50℃(Please refer to the attenuation curve)					
	Working humidity	20～90% RH,Non-condensing					
	Storage temp & hmdty	-40～+80℃					
	Temp. coefficient	±0.03%/℃ （0～50℃）					
	Vibration proof	10～500HZ,5G 10min/1 cycle，period for 60min. each along X、Y、Z axes					
Safety reg. & EMC (Note.6)	Safety regulation	GB195110.1-2004/IEC61347-1:2003 CE(EMC+LVD)					
	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℃/70% RH					
	EMC irradiation	EN 55022A:2006;EN61000 -3-2:1995+A2:2005					
	EMC disturbance proof	EN 61000-3-2:2006;					
Others	Dimensions	130*50*31mm(L*W*H)					
	Packing	0.19kg/PCS;72PCS/17.2kg					
Remark	1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25℃ 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.						

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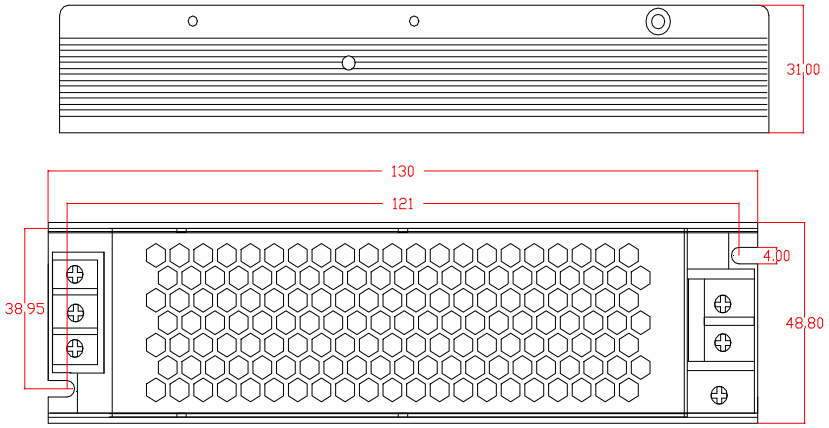
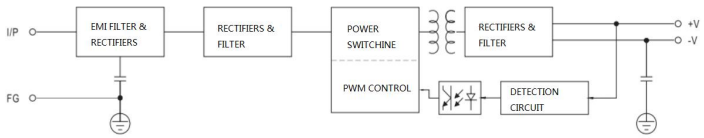
■Appearance



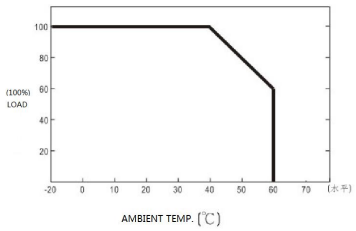
Definitionn the pin of the terminal

Pin number	Pin function
1	FG
2	AC/L
3	AC/N
4	OUTPUT +
5	OUTPUT -

■Frame diagram



■Derating curve



■Static Characteristics