



250W STNADARD SWITCHING POWER SUPPLY DOUBLE OUTPUT



(Dimension)

L:225 mm

W:62 mm

H:31.5mm

Weight: 0.42Kg

■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

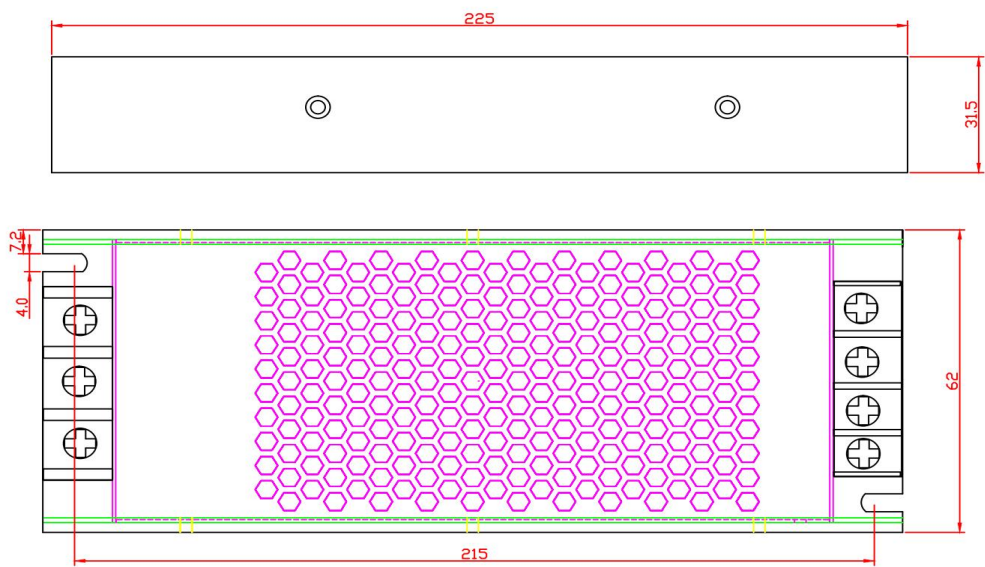


Specifications

Product No.		SLC-250-12	SLC-250-24
Output	DC voltage	12V	24V
	Rated Current	20.8A	10.4A
	Current Range	0-20.8A	0-10.4A
	Rated Power	250W	250W
	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,	
Hold up time (Typ)	50ms/230VAC		
Input	Voltage range	AC 230±15%	
	Frequency range	50HZ/60HZ	
	Efficiency (Typ)	80%	81%
	AC current (Typ)	2.1A/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℃	
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 55032:2015+A11:2020;EN55035:2017+A11:2020	
	EMC disturbance proof	EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019	
Others	Dimensions	225*62*31.5(L*W*H)	
	Packing	0.42kg/PCS;30PCS/12.6kg	
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.		

250W STNADARD SWITCHING POWER SUPPLY SINGLE OUTPUT

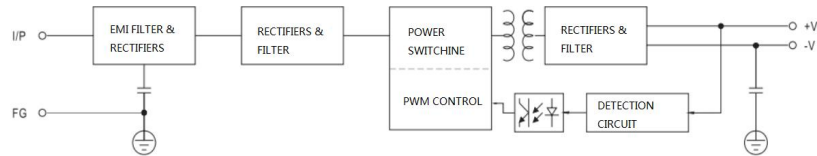
Appearance



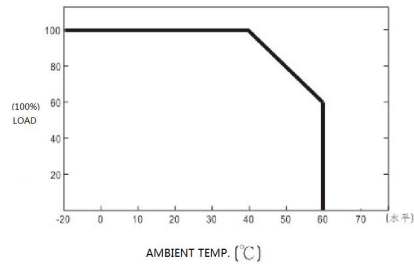
Definitionn the pin of the terminal

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

Frame diagram



Derating curve



Static Characteristics

