



## 25W STNADARD SWITCHING POWER SUPPLY SINGLE OUTPUT

( Dimension )

L:115 mm

W:40 mm

H:25mm

Weight: 0.14Kg



### ■Applications

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

### ■Features

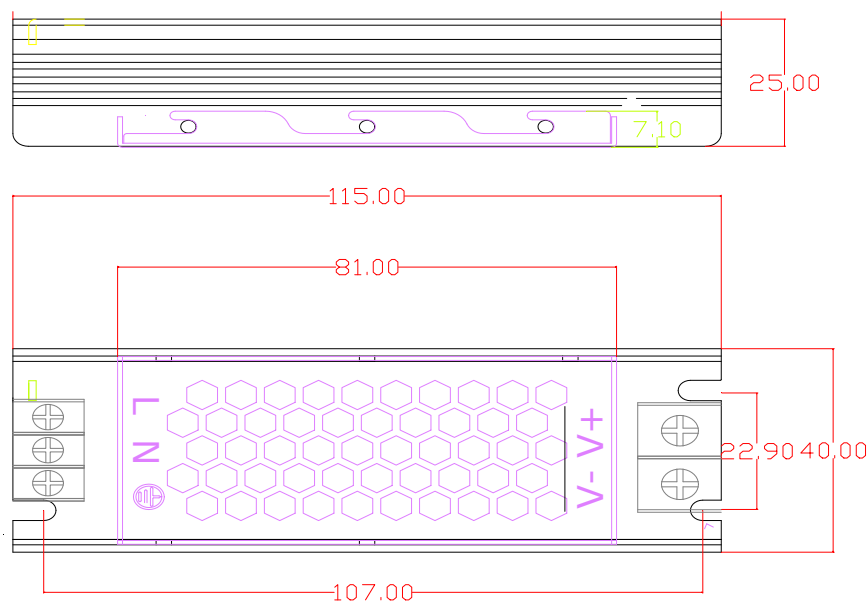
- Over-load,Over-temp. protection
- cooling by free air convection
- LED power indicator
- 100% full load burn-in test
- No-load consumption<0.7W
- Withstand 300VAC surge input for 5 seconds
- Working temperature up to 60℃
- 5G vibration tested
- High efficiency,long life,high reliability
- 2 years warranty

### Specifications

Product No.		SLC-25-12		SLC-25-24	
Output	DC voltage	12V		24V	
	Rated Current	2.1A		1.0A	
	Current Range	0-2.1A		0-1A	
	Rated Power	25W		25W	
	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)	82%		83%	
	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～+60℃ (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	115x40x25mm(L*W*H)			
	Packing	0.14kg/PCS;150PCS/20.55kg			
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.				

25W STNADARD SWITCHING POWER SUPPLY SINGLE OUTPUT

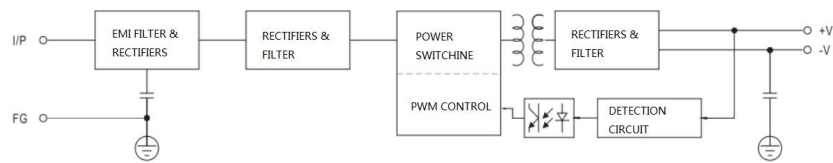
■ Appearance



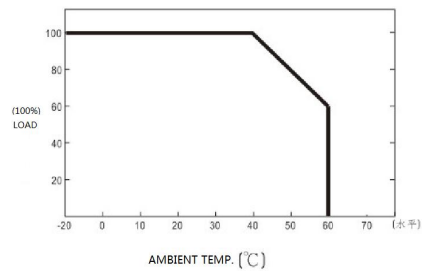
Definitiononn the pin of the terminal

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

■ Frame diagram



■ Derating curve



■ Static Characteristics

