



(Dimension)

L:222 mm

W:68 mm

H:40mm

Weight: 0.53Kg



■Applications

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

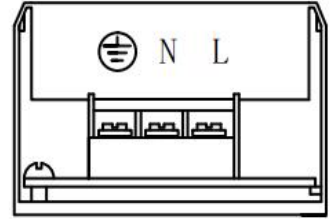
■Features

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

Specification

Product No.		SLR-250-12		SLR-250-24	
Output	DC voltage	12V		24V	
	Rated Current	20A		10A	
	Current Range	0-20A		0-10A	
	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,30ms/110V			
Hold up time (Typ)	50ms/230VAC 10ms/115AC				
Input	Voltage range	176-264AC			
	Frequency range	50HZ/60HZ			
	Efficiency (Typ)	80%		82%	
	AC current (Typ)	4.7A/110V 2.3A/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 voltage	13.8V-16V		28V-32V	
		Protection type: Recovers again by hand after close the output voltage			
Over temperature	Overheat protection starts when temperature in transistor over 140℃				
	Recovers automatically after temperature is normal.				
Environment	Working temp.	-20~+60℃			
	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	222x68x40mm(L*W*H)			
	Packing	0.53kg/PCS;30PCS/16.5kg			
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				
	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.				

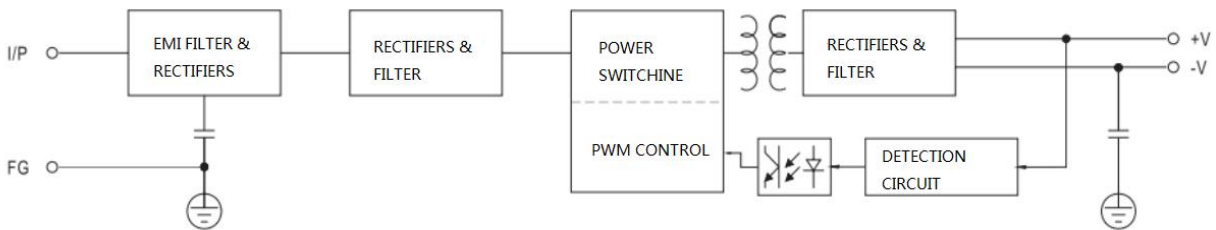
■ Appearance



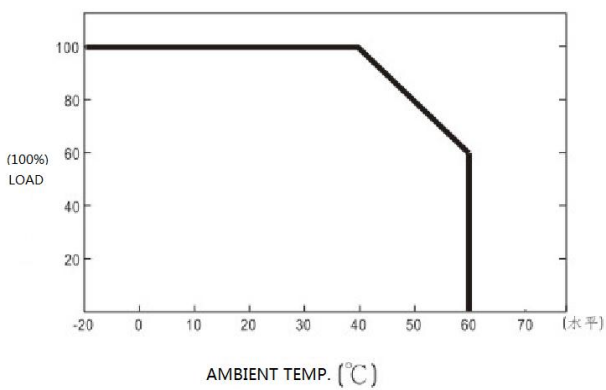
Terminal foot definition

Foot No.	Foot function
1	FG
2	AC/L
3	AC/N
4	OUTPUT-
5	OUTPUT-
6	OUTPUT+

■ Frame diagram



■ Derating curve



■ Static Characteristics

