

SLOF200-20Bxx



Features:

- Small size and high efficiency;
- International universal full voltage input;
- Built-in active PFC function;
- Built-in filter, low noise, high reliability;
- Overload, short circuit, under voltage, over voltage, over temperature and other protection functions.

Parameter

MODEL		SLOF200-20B12	SLOF200-20B24	SLOF200-20B28	SLOF200-20B36	SLOF200-20B48
Parameter						
Output	Output voltage	+12VDC	+24VDC	+28VDC	+36VDC	+48VDC
	Rated current	16.7A	8.4A	7.15A	5.6A	4.2A
	Current range	0-16.7A	0-8.4A	0-7.15A	0-5.6A	0-4.2A
	Rated power(20cfm cooling fan)	200.4W	201.6W	200.2W	201.6W	201.6W
	Rated power(without cooling fan)	140W	140W	140W	140W	140W
	Ripple&Noise	120mVp-p	240mVp-p	280mVp-p	360mVp-p	480mVp-p
	Output voltage adjustable range	11.4-12.6V	22.8-25.2V	26.6-29.4V	34.2-37.8V	45.6-50.4V
	Output accuracy	±1%				
	Line regulation	±0.5%				
	Load regulation	±0.5 %				
	Set up,hold on,rise time	1000ms,20ms,12ms				
Input	Input voltage range	88V~264V AC				
	Input current	1 A/230Vac 2A@115Vac				
	Frequency	47~63Hz`				
	Efficiency@230Vac	>90%				
	Power factor	PF>0.98/115V 或 PF>0.95/230V				
	Inrush current	Cold start 60A/230Vac				
	Leakage current	<0.25mA@240V				
Protection	Over load protection	110~180%Hiccup protection, automatic recovery				
	Over output-voltage protection	> 120%shut up,lock protection				
	Over temperature protection	TS1 temperature is more than 105℃ ,it will be protected,then automatic recovery.				
Function	Driving fan	12V/0.2A for driving the cooling fan; tolerance±15%				
Environment	Working temp.,humidity	-20~70℃ , 10~90% RH, NO condensation				
	Storage temp.,humidity	-20~85℃ , 10~95% RH				
	Temperature drift	±0.03%/℃(0~50℃)				
	Vibration	10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES				
Safety&EMC standards	Safety standards	GB4943 EN62368 EN60601				
	Withstand voltage	I/P-O/P:4KV; I/P-FG: 1.8KV; O/P-FG:0.5KV AC 1min.				

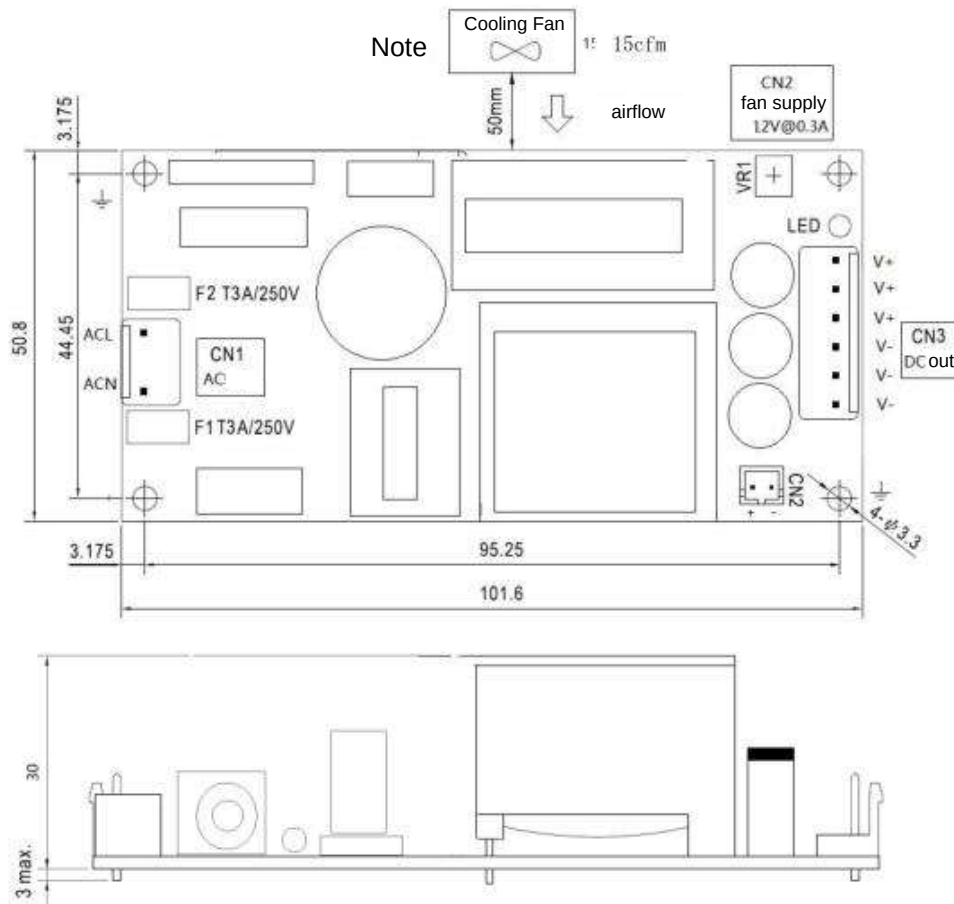
SLOF200-20Bxx



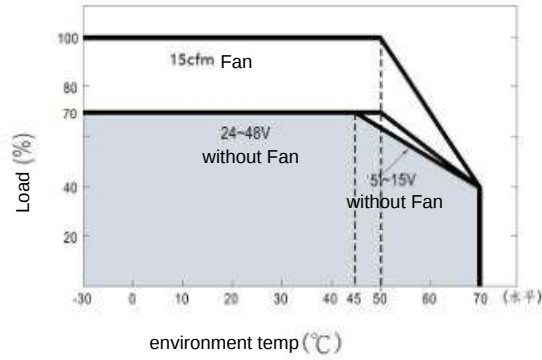
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG:500VDC / 100M Ohms
	EMC standards	GB9254 CLASS B,EN55032 CLASS B,EN61000-3-2
Others	Dimension	101.6*50.8*28mm
	Weight	0.2 KG
Note	● All parameters are measured under 230VAC input, rated load, ambient temperature 25 °C, humidity 70%; ● Accuracy: Including setting error, line adjustment rate, load adjustment rate, etc .; ● Ripple test: connect the power supply and the load with a 30cm long twisted wire. The load end is combined with 0.1u and 47u capacitors and measured at the load end with a 20MHz oscilloscope; ● Line adjustment rate: Under the condition of rated load, the input voltage is measured from low to high; ● Load adjustment rate: the measured output is measured from 0 load to 100% load change; ● If the load is greater than 140W, you need to add at least 15CFM fan to dissipate heat	

Dimension:

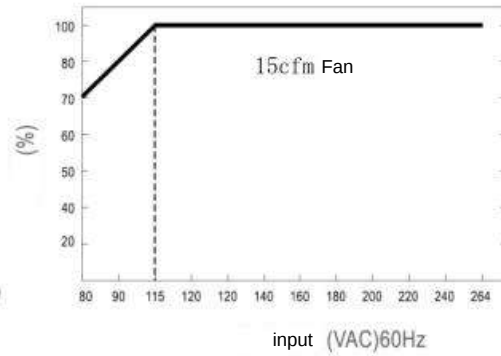
unit: mm



Load curve:



Temperature---Load curve



Input voltage--Load curve