



Features :

- . AC input range selected by switch
- . Protections : short circuit, over voltage, over load, over temp.
- . High reliability, low ripple noise
- . Built-in remote sense & on-off control
- . Parallel function (n+1)
- . Adjust from 10~100% output voltage by external control 1~5V
- . Forced air cooling by built-in DC fan
- . Approvals : UL, CUL, CB
- . 100% full load burn-in test

2 years warranty

Model	SCN800-12	SCN800-15	SCN800-24	SCN800-48
DC output voltage	12V	15V	24V	48V
Output voltage tolerance	±1%	±1%	±1%	±1%
Output rated current	66A	54A	33A	16.6A
Output current range	0~66A	0~54A	0~33A	0~16.6A
Ripple & noise	120mVp-p	150mVp-p	240mVp-p	480mVp-p
Line regulation	±0.5%	±0.5%	±0.5%	±0.5%
Load regulation	±1%	±1%	±1%	±1%
DC output power	800W	800W	800W	800W
Efficiency	80%	81%	85%	87%
DC voltage adjustment	5% typical			
Input voltage range	90~130 VAC / 180~260 VAC selected by switch 47~63Hz			
AC current	8 A / 230 VAC			
Inrush current	Cold start < 60 A/230VAC			
Leakage current	<3.5mA/240VAC			
Over-load protection	Current limiting / Delay shutdown			
Over-voltage protection	115%~135%			
Over-temperature protection	yes			
Temperature coefficient	±0.04% /°C (0°~50°C)			
Set-up, Rise, Hold-up time	800ms, 50ms, 16ms			
Vibration	10~200Hz, 2G 10min./1cycle, period for 60min. Each axes			
Withstand voltage	I/P-O/P: 1500VAC I/P-FG: 1500VAC for 1 min.			
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG >100MΩ			
Working temp. & humidity	-10°C~+50°C at 100% load ; +65°C at 50% load ; 20~90% R.H.			
Storage temp. & humidity	-20°C~+85°C, 10%~95% R.H. (non-condensing)			
Dimensions	291 x 132 x 68 mm (Length x Width x Height)			
Weight	2.6 Kgs			
Safety standards	UL1950, CSA22.2, EN 60950			
EMC standards	FCC part 15			
Special functions	DC voltage adjustment, Remote sensing, Remote control, Parallel operation (refer to terminal instruction manual).			
Notes:	-All parameters are specified at 230VAC input, rated load, 25°C & 70% R.H. ambient. - Tolerance include setup tolerance, line regulation, load regulation. - Ripple & Noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1yF & 47uF capacitor. - Line regulation is measured from low line to high line at rated load. - Load regulation is measured from 20% to 100% rated load			