

**Features :**

- . AC input range selected by switch
- . Short circuit, over voltage, over load, over temp. protected
- . 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	SCN600-05	SCN600-12	SCN600-15	SCN600-18	SCN600-24	SCN600-48
DC output voltage	5V	12V	15V	18V	24V	48V
Output voltage tolerance	±2%	±1%	±1%	±1%	±1%	±1%
Output rated current	100A	50A	40A	33A	24A	12A
Output current range	0~100A	0~50A	0~40A	0~33A	0~24A	0~12A
Ripple & noise	100mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p	480mVp-p
Line regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load regulation	±2%	±1%	±1%	±1%	±1%	±1%
DC output power	500 W	600 W	600 W	600 W	600 W	600 W
Efficiency	77%	80%	81%	82%	85%	87%
DC voltage adjustment	5% typical					
Input voltage range	90~130 VAC / 180~260 VAC selected by switch 47~63Hz					
AC current	11 A / 115 VAC 7 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					