

1000W Single Output with Parallel Function



Features:

- High reliability, low ripple noise
- AC input range selected by switch
- Protections: Short circuit/Over load/Over voltage/Over temperature
- Built-in remote ON-OFF control and remote sense function
- With parallel function
- Can adjust from 20%~100% output voltage by external control 1-5V
- Forced air cooling by built-in DC fan
- 2 years warranty
- Dimension: 291*132*68mm (L*W*H)

Technical Parameter

Model		SCN-1000-12	SCN-1000-15	SCN-1000-24	SCN-1000-48
Output	DC Voltage	12V	15V	24V	48V
	Voltage Tolerance	±1%	±1%	±1%	±1%
	Rated Current	83A	66A	41A	21A
	Current Range	0-83A	0-66A	0-41A	0-21A
	Rated Power	1000W	1000W	1000W	1000W
	Ripple & Noise	150mVp-p	150mVp-p	240mVp-p	480mVp-p
	DC Voltage Adj. Range	Can adjust from 20%~100% output voltage by external control 1-5V			
	Setup, Rise, Hold time	800ms, 50ms, 16ms at full load			
Input	Voltage Range	90~130VAC / 180~260 VAC selected by switch, 260~370VDC; 47~63 Hz			
	AC Current	13A/115 VAC 8A/ 230 VAC			
	Efficiency	80%	81%	85%	87%
	Inrush Current	60A/230V			
	Leakage Current	3.5 mA/240VAC			
Protection	Over Load	110%~135% Protection type: Current limiting, delay shut down o/p voltage, re-power on to recover			
	Over Voltage	110%~135% Protection type: Shut down o/p voltage, re-power on to recover			
	Over Temperature	TSW1(Power transistor) Temp. >100 °C, shut down o/p voltage, re-power on to recover			
Environment	Working Temp. & Humidity	-10°C~+65°C, 20%~90 %RH			
	Storage Temp. & Humidity	-20°C~+85°C, 10%~95 %RH			
	Vibration	10~200Hz. 2G 10min./1cycle, period for 60min, each along X, Y, Z axes			
Safety	Withstand Voltage	I/P-O/P, I/P-FG:1500VAC			
	Isolation Resistance	I/P-O/P, I/P-FG: >100MΩ/500VDC			
Standards	Safety Standards	Design refer to UL1950, CSA22.2, IEC60950			
	EMC Standards	Design refer to FCC Part 15 Class A			
Others	Weight	2.3Kg			
	Packing	8pcs/24.0kg/CARTON			

Outline and Installation Dimension

