

### Features:

- Pure sine wave output (THD < 2%)
- Standard 19" 1U Rackmount
- User-Friendly LCD and LED Display
- Dry contact for system alarm
- RS-232 communication port
- Selectable On-line / Off-line modes
- Built-in AC transfer switch and AC breaker
- Hard-wire and Dual AC outlets output connection
- Fan failure alarm with buzzer
- Internal over temperature protection
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Over Temperature



MODEL		SR1000-124	SR1000-148	SR1000-224	SR1000-248
Output	Continuous Output Power	1000W			
	Maximum Output Power(3min)	1100W			
	Surge Power	2000W			
	Frequency	47 ~ 63Hz ± 0.5 % (User-selectable)			
	Output Voltage	97~123 VAC (User-selectable)		194~246 VAC (User-selectable)	
	Efficiency (Full Load)	87%	88%	90%	91%
	Short-Circuit Protection	Yes, lpk		Yes , lpk	
	Waveform	Pure Sine Wave (THD < 2%)			
Input	Voltage	24VDC	48VDC	24VDC	48VDC
	Input Over-Voltage Protection	30 ~ 34VDC	60 ~ 68VDC 60VDC Max.(only UL)	30 ~ 34VDC	60 ~ 68 VDC 60VDC Max.(only UL)
	Input Under-Voltage Protection	18 ~ 22VDC	36 ~ 44VDC	18 ~ 22VDC	36 ~ 44VDC
	Voltage Range	18 ~ 34VDC	36 ~ 68VDC 36 ~ 60VDC (only UL)	18 ~ 34VDC	36 ~ 68VDC 36 ~ 60VDC (only UL)
	No Load Current	1.4A	0.75A	1.3A	0.7A
Signal & Control	LCD Panel	2 Lines LCD Panel with keypad for navigation			
	LED Indicator	Red / Orange / Green LED			
	Dry Contact Terminal	By relay			
	Remote Control Terminal	Controls the inverter ON / OFF operation			
Protection	Input Protection	Over / Under Voltage, Reverse Polarity (Internal Fuse)			
	AC Output Protection	Short-Circuit, Overload			
	AC Input Protection	12 Amp Circuit Breaker		6 Amp Circuit Breaker	
	Temperature protection	Shutdown (Internal temperature ≥ 65°C)			
Bypass Relay	Relay Specification	15 Amp / 120 VAC, 10 Amp / 250 VAC			
	Bypass relay selectable	On Line/Off Line (Haphazard, Normal, Exacting) selectable			
	Switching Time	From AC bypass mode (off-line mode): ≤20ms From DC to AC inverter mode (on-line mode): ≤8ms			
Environment	Working Temp. (Full Load)	0°C ~ 50°C			
	Storage	-30°C ~ 70°C			
Fan Operation & Indicator	Failure Indication	Buzzer alarm and dry contact			
	Switches On when	Internal Temperature ≥ 55°C or Load ≥ 30%			
	Switches Off When	Internal Temperature ≤ 45°C and Load ≤ 20%			
Mechanical Specification	Dimensions (WxHxD)	482.6x43.5x345.0 / 19.000x1.713x13.583 inch			
	Packing	7.46kg; 2pcs/ 15.9kg/ 1.74CUFT			
Safety & EMC	Safety Standards	Certified UL 60950-1		Certified EN 60950-1	
	EMC Standards	FCC Class B		Certified EN 55022; EN 61000-3-2, -3-3; EN 55024; IEC 61000-4-2, 3, 4, 5, 6, 8, 11	
Other	Application	Focus on Telecommunication (basestation), Networking (Data center) & Battery Backup Systems.			