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SR1000 & SR1000T
Quick Product Introduction
Rack Mount Pure Sine Wave Inverter

IMPORTANT: Please must read the Installation and Maintenance Instructions Before Connecting to the Supply. Please download and read the user manual from COTEK website or QR code before starting to use the SR Inverter.

Scan QR Code to view the User Manual

	SR1000T-124	SR1000T-148	SR1000T-224	SR1000T-248
Output				
Continuous Output Power	1000W			
Max. Output Power (3 Min.)	1100W			
Surge Power	2000W			
Frequency	47~63 Hz ± 0.5% (User selectable)			
Output Voltage	97~123VAC (User selectable)		194~246VAC (User selectable)	
Efficiency (Full Load)	87%	88%	90%	91%
Output Waveform	Pure Sine Wave (THD<2%)			
Input				
DC Voltage	24VDC	48VDC	24VDC	48VDC
Voltage Range	18~34VDC	36~68VDC/36~60VDC (Only UL)	18~34VDC	36~68VDC/36~60VDC (Only UL)
No Load Current	1.4 A	0.75 A	1.3 A	0.7 A
Control & Signal				
LCD Panel	2-line LCD Panel			
LED Indicator	Input voltage level, output load level and faulty status			
Dry Contact Terminal	By relay			
Remote Control Port	RJ-11			
Protection				
Input Protection	Over Voltage / Under Voltage / Reverse Polarity (Fuse)			
AC Output Protection	Short Circuit / Overload / Over Temperature			
AC Input Protection	12Amp Circuit Breaker		6Amp Circuit Breaker	
Bypass Relay				
Relay Specification	15Amp / 120VAC, 10Amp / 250VAC			
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 (exacting mode)			
Environment				
Working Temp. (Full Load)	0℃ ~ 50℃			
Storage Temp.	-30℃ ~ 70℃			
Safety & EMC				
Safety Standards	UL 60950-1		EN 60950-1	
EMC Standards	FCC class B		EN 55032 class B; EN 61000-3-2, -3-3	
			EN 55024; IEC 61000-4-2, 3, 4, 5, 6, 8, 11	
Other				
Failure Indication	Buzzer alarm and dry contact			
Dimension (WxHxD)	483x44x345 mm / 19.02x1.73x13.58 inch			
Packing	7.46kg; 2pcs / 15.9kg / 1.74CUFT			
Cooling	Thermal and load control fan			
Application	Focus on telecommunication (base-station), networking (data center) and battery backup systems			

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■ Product Appearance

SR1000
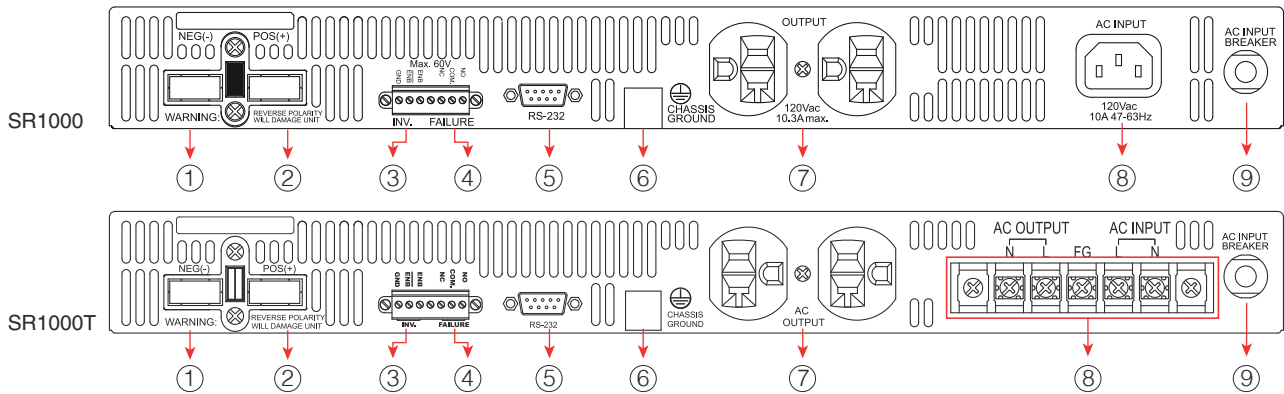
① DC Input Negative(-)
② DC Input Positive(+)
③ Remote Contact Terminal

④ Dry Contact Terminal
⑤ Standard RS-232
⑥ Chassis Ground

⑦ AC Output Socket
⑧ Upper : AC Input IEC Socket
    Lower : AC Input Terminal
⑨ AC Output Breaker

■ Product Installation

LOAD

Utility power / Generator power

RS-232

Battery
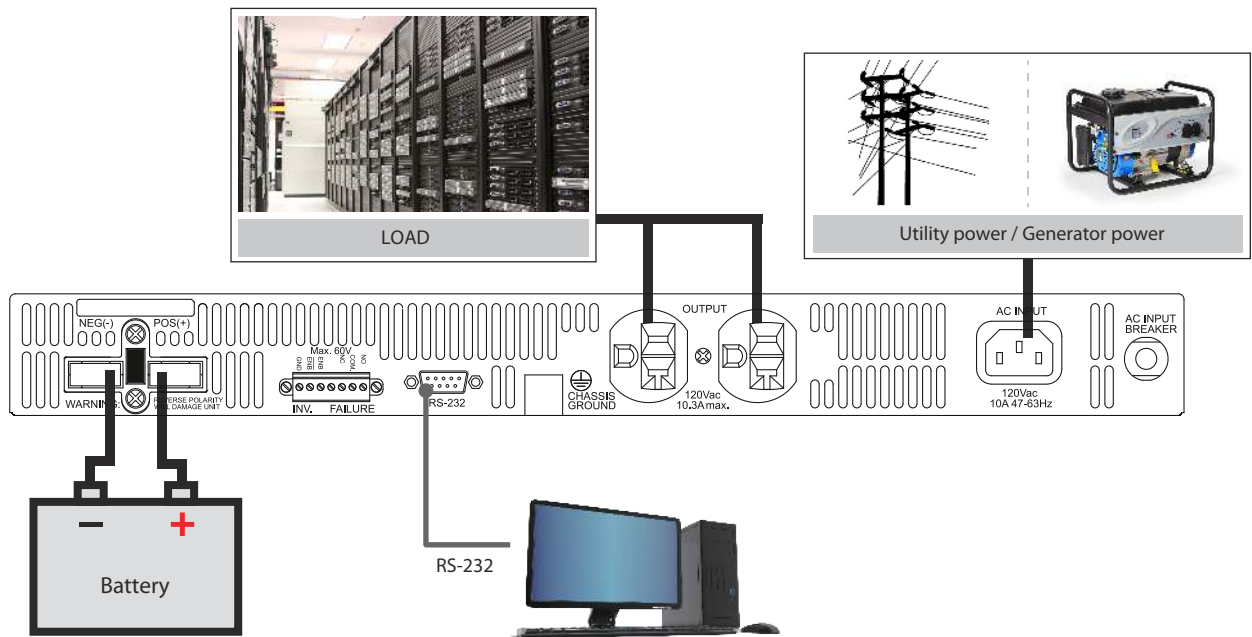
■ Warranty

⚠ **Warning!**
Do not open or disassemble the Inverter. Attempting to do so may cause risk of electrical shock or fire.

We guarantee this product against defects in materials and workmanship for a period of 24 months from the date of purchase.
In case you need to repair or replace any defective power inverters, please contact COTEK local distributor.
This warranty will be considered void if the unit has been misused, altered, or accidentally damaged. COTEK is not liable for anything that occurs as a result of the user's fault.