

SE Series Quick Product Introduction

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 SE Inverter.



Scan QR Code to view
the User Manual

	SE200	SE400
Output		
Rated Power	200 VA	400 VA
Surge Power (Max1 Sec.)	250 VA (3Sec.)	<800 VA
Frequency	50 / 60 Hz $\pm$ 0.5% (Dip Switch Selectable)	
Protection		
Protection	Overload, Short circuit, DC over / Under voltage, Over temperature	
DC Input Reverse Polarity	By fuse	
Environment		
Working Temp.	-20°C ~ 60°C, refer to the power de-rating curve	
Storage Temp.	-30°C ~ 70°C	
Storage Temp. & Humidity	10 ~ 95 % RH non-condensing	
Other		
Dimension (WxHxD)	150x68x187 mm / 5.91x2.68x7.36 inch	
Packing	1.6kg; 6pcs / 10.6kg / 1.45 CUFT	Per Product 1.22kgs ; Per Carton 6 pcs /13.93kg
Cooling	Temperature & load controlled cooling fan	
Application	Home and office appliances, portable power equipment, vehicle, yacht and off-grid solar power systems....etc.	

	SE Series - 112	SE Series - 124	SE Series - 148 (SE350 / SE400)	SE Series - 212	SE Series - 224	SE Series - 248 (SE350 / SE400)
Output						
AC Voltage	100 / 110 / 115 / 120 VAC $\pm$ 5%			200 / 220 / 230 / 240 VAC $\pm$ 5%		
Input						
DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
Voltage Range	10.0~16.0VDC(SE200) 10.0~15.5VDC(SE350) 10.5~16.0VDC(SE400)	20.0~32.0VDC(SE200) 20.0~31.0VDC(SE350) 21.0~32.0VDC(SE400)	40.0~62.0VDC(SE350) 42.0~64.0VDC(SE400)	10.0~16.0VDC(SE200) 10.0~15.5VDC(SE350) 10.5~16.0VDC(SE400)	20.0~32.0VDC(SE200) 20.0~31.0VDC(SE350) 21.0~32.0VDC(SE400)	40.0~62.0VDC(SE350) 42.0~64.0VDC(SE400)
No Load Current	$\leq$ 1.8A@12VDC	$\leq$ 1.0A@24VDC	$\leq$ 0.5A@48VDC	$\leq$ 1.8A@12VDC	$\leq$ 1.0A@24VDC	$\leq$ 0.5A@48VDC
Power Saving Mode	<90 mA	<60 mA	<40 mA	<90 mA	<60 mA	<40 mA
Efficiency (Max.)	89%	91%	90%	91%	93%	91%
Safety & EMC						
Safety Standards	UL 458 (UL only for SE400 GFCI receptacles) ----			EN 62368-1		
EMC Standards	FCC class B			EN 55032 class B ; EN 55024 EN 61000-3-2, -3-3 IEC 61000-4-2, 3, 4, 5, 6, 8, 11		
E-mark	----			Certified CISPR 25; ISO 7637-2		

■ Socket Types



North America
(GFCI)



North America
(NEMA 5-15R)



Continental
European



Australia /
New Zealand

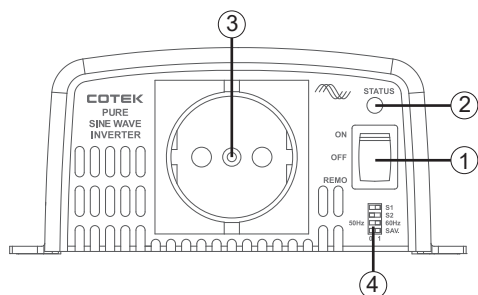


United
Kingdom

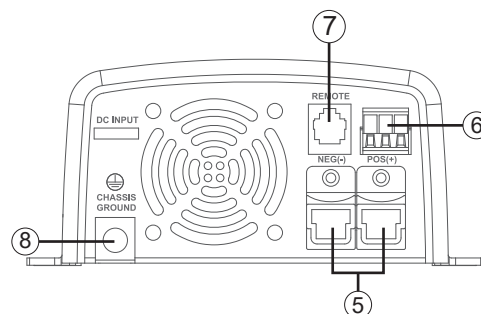


Universal

■ Product Appearance

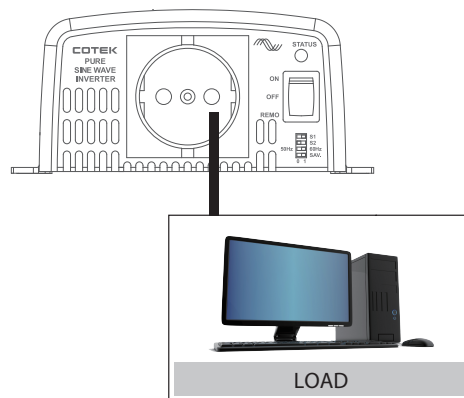
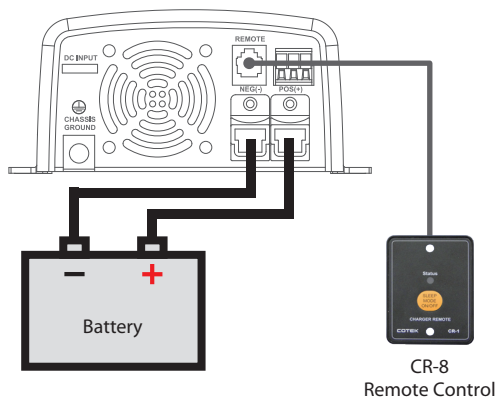


- ① ON / OFF / Remote Main Switch
- ② LED Indicator
- ③ AC Output
- ④ Function Switch



- ⑤ DC Input Terminal
- ⑥ Green Terminal
- ⑦ Remote Port (RJ-11)
- ⑧ Chassis Ground

■ Product Installation



■ 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.