












# COTEK Pure Sine Wave Inverter & Inverter Charger

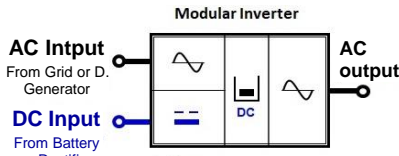
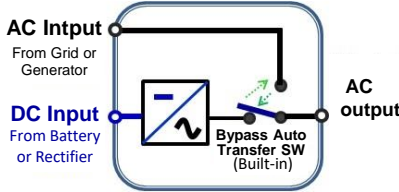
Authorized  
Regional  
Distributor



Appearance	Series	Features	Output Wattages													
			200	400	700	1000	1200	1500	1600	2000	2500	3000	3500	4000		
 	SP	Product range 700~4000W ■ Stylish ID design ■ Light weight and low-profile design (83mm below 2000W) ■ Intelligent software for power management ■ Input & Output fully isolation ■ Output voltage & Freq. selectable by DIP switch ■ Advanced protection features ■ Alarm dry contact ■ Support RS-232 ■ Power ON/OFF remote control ■ UL, E13, CE, FCC approved			⊙	⊙		⊙		⊙		⊙		⊙	⊙	24V/48V
 	SE	Product range 200 & 400W ■ Pure Sine Wave output ■ Power ON/OFF remote control (Green Terminal) ■ input & output fully isolation ■ Power saving mode selectable(<2W) ■ Output voltage & Frequency selectable by DIP switch ■ Input & Output protection ■ CE, E13, FCC(SE-200 & SE-400), UL458(SE-400) approved.	⊙ 12/ 24V	⊙ 12/24/48V												
	SD	<b>Parallel Redundancy design</b> for power expansion ■ Automatic master mechanism to eliminate single point failure and optimize reliability ■ Input & output isolation ■ <b>Built-in ATS</b> and AC circuit breaker ■ Optional STS module to short transfer time less than 4mS ■ RS-232 communication interface ■ E13, UL, CE, FCC approved ■ <b>1Φ2W,1Φ3W,3Φ4W for multiple industrial applications</b>						⊙			⊙		⊙			
 	SR-1000T	<b>Standard 19" 1U rack mountable stand alone model</b> ■ Built-in Auto Transfer Switch and AC Breaker ■ Selectable On-line/Off-line operation modes ■ RS-232 communication port ■ Dry contact for system alarm ■ Fan failure alarm with buzzer ■ Hard-ware and dual AC outlet output connection. ■ UL, CE, FCC approved.				⊙ 24V/48V										
 	SR-1600 plus	<b>Modular Hot swappable inverter</b> with LED indicator ■ Support output parallel connection <b>up to 32 modules (51.2KVA)</b> ■ True redundancy (N+1) with no single point of failure ■ <b>Seamless transfer time (0mS)</b> ■ Standard 19" 2U rack mount ■ DC mode or AC mode selectable ■ High efficiency upto 95% at AC mode ■ Dual input source (AC & DC) ■ Replaceable fan module to make maintenance easy ■ Dry contact for system alarm ■ Input protection: Reverse polarity, UVP, OVP, OCP(AC) ■ Output protection: SCP, OLP, OTP ■ CE, FCC approved.							⊙ 24V/48V							
 	SC	<b>Pure Sine Wave Inverter Charger</b> ■ <b>Bi-directional</b> transfer, All-in-one-design ■ <b>Compact Size:</b> Highly Integratgration=Installation hassle-free ■ Certified by UL: UL458 & Supplement SA/ CSA C22.2 No.107.1-01. UL1741/ KKK-A-1822F (for Ambulance) ■ 5-in-1 Operating Modes: 1.) Inverter mode, 2.) Charger mode, 3.) Power Sharing 4.) Power Generation 5.) Power Support						⊙ 12V/24V			⊙ 12V/24V		⊙ 12V/24V			

# COTEK Inverter & Inverter Charger Equipped Functions Over-View

v2407

Equipped Functions Description	SR-1600 Plus	SR-1000T	SD	SP	SE	SC Inverter Charger	Operation Mode
	Modular Rack-mount Inverter	1U Rack-mount Inverter	Parallelable Inverter	Pure Sine Wave Inverter		Inverter Charger	
Pure Sine Wave AC Output	✓	✓	✓	✓	✓	✓	<p><b>Fig. a SR-1600 plus Inverter Module</b></p>  <p>* Efficiency : AC-AC : 95% ; DC~AC : 91%</p> <p>* Auto Transferring to maintain uninterrupted load.</p> <p>* Selectable DC to AC priority.</p> <p>* Seamless transfer Time (0mS).</p> <p><b>Fig. b , SD series &amp; SR-1000T Inverter</b></p>  <p><b>Selectable</b> - DC mode (DC priority) - AC mode (AC priority)</p> <p><b>Fig. c , SP &amp; SE Series Inverter</b></p> 
Stand-Alone Type	---	✓	---	✓	✓	✓	
<b>Parallel Redundancy N+1 Design for Power Expansion</b>	✓	---	✓	---	---	---	
<b>Application for AC 1Φ2W, 1Φ3W, 3Φ4W (Y)</b>	---	---	✓	---	---	---	
<b>Modular &amp; Hot swappable redundancy with LED indicator</b>	✓	---	---	---	---	---	
Standard 19" rack mount	✓	✓	with external bracket	with external bracket	with external bracket	with external bracket	
<b>Built-in Auto Transfer Switch(ATS) or Function (ATF) for Bypass</b>	✓	✓	✓	---	---	✓	
Seamless Transfer Time (0 mS) *	✓	---	---	---	---	✓	
Selectable DC mode (DC priority) / AC mode (AC priority)	✓	✓	✓	---	---	---	
RS-232 or RS-485 Communication	RS-485	RS-232	RS-232 (Option Ethernet)	RS-232	---	RS-232	
Output Voltage & Freq. selectable by DIP switch or setting	✓	✓	✓	✓	✓	✓	
DC input alarm & shutdown setting by user	✓	✓	✓	✓	---	✓	
Dry Contact	✓	✓	---	✓	---	✓	
Power ON/OFF remote control	✓	✓	✓	✓	✓	✓	
Input & Output fully isolation	✓	✓	✓	✓	✓	✓	
Load & Thermal control fan	✓	✓	✓	✓	✓	✓	
Optional, Adding STS to reduce transfer time less than 4ms	* better than (Seamless Transfer)	---	✓	---	---	* better than (Seamless Transfer)	
Optional, SNMP	✓	---	---	---	---	---	
Optional, Remote Controller	CR-21	---	CR8 / CR6 / CR10	CR8 / CR16A	CR-8	CR-20C	
Battery Charger	---	---	---	---	---	✓	
Operation Mode	<b>Fig. a</b>	<b>Fig. b</b>	<b>Fig. b</b>	<b>Fig. c</b>	<b>Fig. c</b>	<b>Fig. b</b>	
Remark	Max. 32 modules		Max. 5 nos. SD parallel				