

CO-CO SERIES

On/Off Solar Inverter



»» Product Data Sheet

MODEL	CO-CO 3.6KW-24	CO-CO 4.2KW-24	CO-CO 6.2KW-48
Phase	1-phase		
Maximum PV Input Power	6200W	6200W	6500W
Rated Output Power	3600W/3600VA	4200W/4200VA	6200W/6200VA
Maximum Solar Charging Current	120A		
GRID-TIE OPERATION			
PV INPUT(DC)			
Normal DC Voltage/Maximum DC Voltage	360/500VDC		
Start-up Voltage /initial Feeding Voltage	60VDC/90VDC		
MPPT Voltage Range	60~450VDC		
Maximum Input Current	1/18A		1/22A
GRID OUTPUT(AC)			
Normal Output Voltage	220/230/240VAC		
Output Voltage Range	195-253VAC		
Normal Output Current	15.7A	18.2A	27.0A
Power Factor	>0.99		
EFFICIENCY			
Maximum Conversion Efficiency(DC/AC)	98%		
TWOLOAD OUTPUT POWER			
Full Load	3600W	4200W	6200W
Maximum Main Load	3600W	4200W	6200W
Maximum Second Load(battery mode)	1200W	1400W	2067W
Maximum Load Cut Off Voltage	26VDC	26VDC	52VDC
Maxium Load Return Voltage	27VDC	27VDC	54VDC
OFF-GRID OPERATION			
AC INPUT			
AC Start-up Voltage /Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Frequency Range	59~61+1 HZ		
Maximum AC input Current	21.1A	24.7A	36.4A
PV INPUT(DC)			
Normal DC Voltage/Maximum DC Voltage	360/500VDC		
MPPT Voltage Range	60~450VDC		
Maximum input Current	1/18A		1/22A
BATTERY MOOEOUTPUT(AC)			
Normal Output Voltage	220/230/240VAC		
Output Waveform	Pure sine wave		
Efficiency (DC to AC)	94%		
BATTERY8CHARGER			
Normal DC Voltage	24VDC		48VDC
Maximum Solar Charging Current	120A		
Maximum AC Charging Current	100A		
Maximum Solar+AC Charging Current	120A		
HYBRID OPERATION			
PV INPUT (DC)			
Normal DC Voltage/Maximum DC Voltage	360V/500VDC		
Start-up Voltage /initial Feeding Voltage	90VDC/120VDC		
MPPT Voltage Range	60~450VDC		
Maximum input Current	1/18A		1/22A
GRID OUTPUT(AC)			
Normal DC Voltage/Maximum DC Voltage	220/230/240VAC		
Output Voltage Range	196-253VAC		
Normal Output Current	15.7A	18.2A	27.0A
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC input Current	21.1A	24.7A	36.4A
Maximum AC Charging Current	100A		
GENERAL			
PHYSICAL			
Dimension,D*W*H(mm)	420*350*110		
Cartoon Dimension,D*W*H(mm)	500*415*180		
Net weight (kgs)	8.0	8.0	8.9
Gross Weight(kgs)	9.0	9.0	10.0
INTERACE			
Communication Port	RS232/RS485/WIFIGPRS/LITHIUM BATTERY		
ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non~condensing)		
Operating Temperature	-10℃-50℃		
STANDARD			
Compliance Safety	CE		

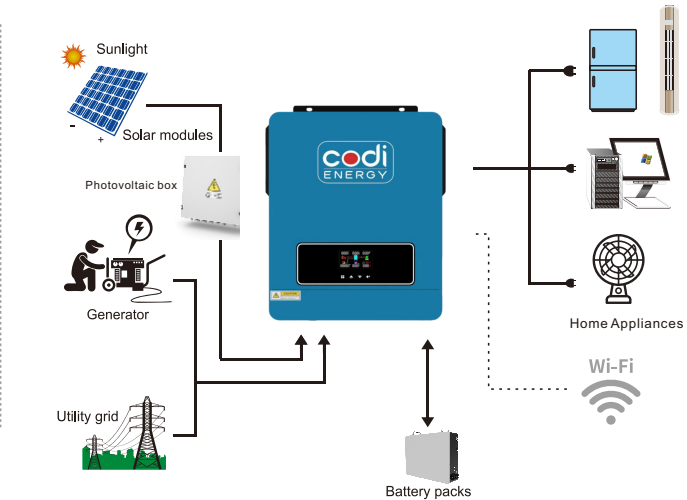
High Frequency Solar Inverter

CO-CO 3600W /4200W/6200W

»» Features

- Pure sine wave solar inverter(on/off Grid)
- WIFI&GPRS available for IOS and Android
- Inverter can running without battery
- One-key restoration to factory settings
- Built-in lithium battery automatic activation
- Built-in 120A(for 3.6KW/4.2KW/6.2KW)
- MPPT:max 6200W(for 3.6KW),max 6200W(for 4.2KW), max 6500W(for 6.2KW)solar charge
- High PV input voltage range(60~500VDC)
- Built-in anti-dusk kit for harsh enviroment
- Smart battery charge design to optimize battery life
- Dual output
- Dualcommunication ports for Battery communicatand Wifi communication

»» Solar System Connection



»» Overview

RGB LIGHT

RGB lighting for different working mode

RGB automatically switches with the working mode of the inverter:
Battery mode: red;
Utility mode: blue;
PV mode: purple;

