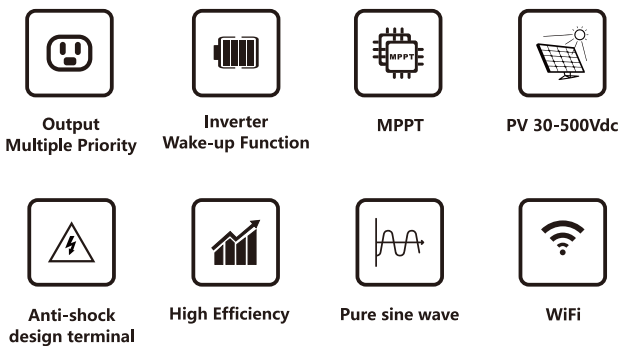


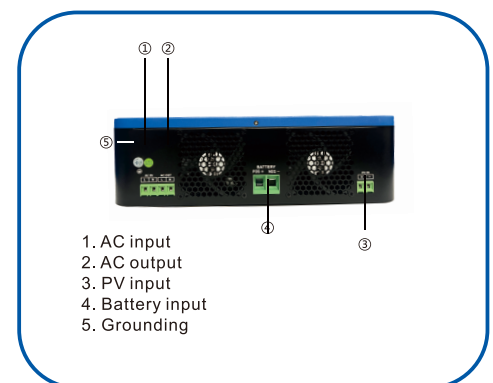
# OFF GRID HYBRID INVERTER

CO Series 3.5KW PV 30-500Vdc



## Product Features

- Battery Wake-up Function
- Pure Sine Wave
- PV Input 500Vdc Max
- Built-in MPPT 100A
- Detachable dust cover for harsh environment
- Wifi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle



# Technical Data

<b>MODEL</b>		<b>CO-CM3.5-B</b>
Capacity	3500VA/3500W	
Parallel Capability	NO	
Lithium Battery Activation	YES(By PV)	
Lithium battery Communication	NO	
<b>INPUT</b>		
Nominal Voltage	230VAC	
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280VAC(For Home Appliances)	
Frequency	50/60 Hz (Auto sensing)	
<b>OUTPUT</b>		
Nominal Voltage	220/230VAC±5%	
Rated Power	3500VA/3500W	
Battery Mode Power	3000VA/3000W	
Surge Power	7000VA	
Frequency	50/60 Hz	
Waveform	Pure Sine wave	
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)	
Peak Efficiency (PV to INV)	96%	
Peak Efficiency (Battery to INV)	93%	
Overload Protection	5s@ > =140% load; 10s@100%~140% load	
Crest Factor	3:1	
Admissible Power Factor	0.6~1 (inductive or capacitive)	
<b>BATTERY</b>		
Battery Voltage	24Vdc	
Floating Charge Voltage	27Vdc	
OverCharge Protection	32Vdc	
Charging Method	CC/CV	
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger TYPE	MPPT	
Max.PV Array Power	4000W	
Max. PV Array Open Circuit Voltage	500VDC	
PV Array MPPT Voltage Range	30VDC~500VDC	
Max. Solar Input Current	15A	
Max. Solar Charge Current	100A	
Max. AC Charge Current	60A	
Max. Charge Current(AC+PV)	100A	
<b>PHYSICAL</b>		
Dimensions, D x W x H(mm)	330*278*98	
Package Dimensions, D x W x H(mm)	400*365*174	
Net Weight (Kgs)	3.95	
Communication Interface	RJ45 For WiFi	
<b>ENVIRONMENT</b>		
Operating Temperature Range	-10°C to 55°C	
Storage temperature	-15°C~ 60°C	
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Ingress Protection	IP21	

\*Product specifications are subject to change without further notice.