

## Photovoltaic DC Components

### YCDPO II Off Grid Energy Storage Inverter



3.5-5.5KVA

Battery Optional



1kW=1kVA



Bluetooth



#### General

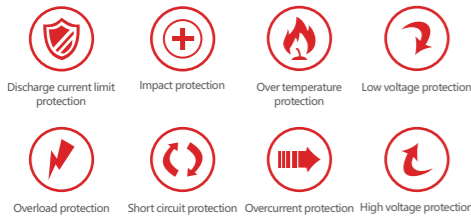
Model: 3.5kW/5.5kW

Nominal Voltage: 230VAC

Frequency Range: 50Hz/60Hz

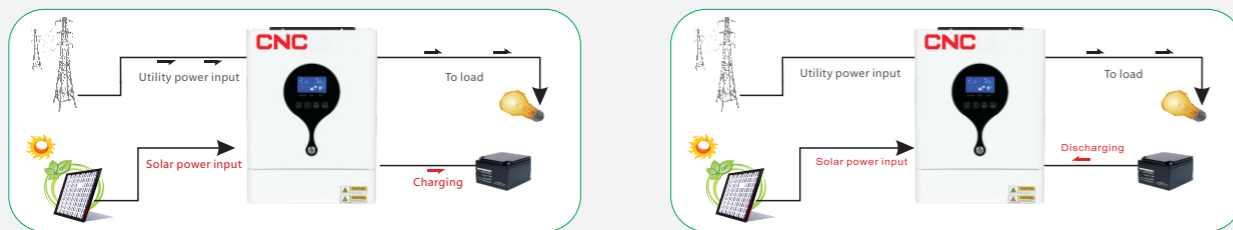
#### Features

- Pure sine wave MPPT solar inverter
- High PV input voltage range
- Built-in 100A MPPT solar charger
- With Touch Buttons
- Built-in anti-dusk kit for harsh environment
- Support lithium iron battery
- Battery equalization function to optimize battery performance and extend lifecycle
- Reserved communication port (Rs485, CAN-BUS or Rs232) for BMS (Optional)

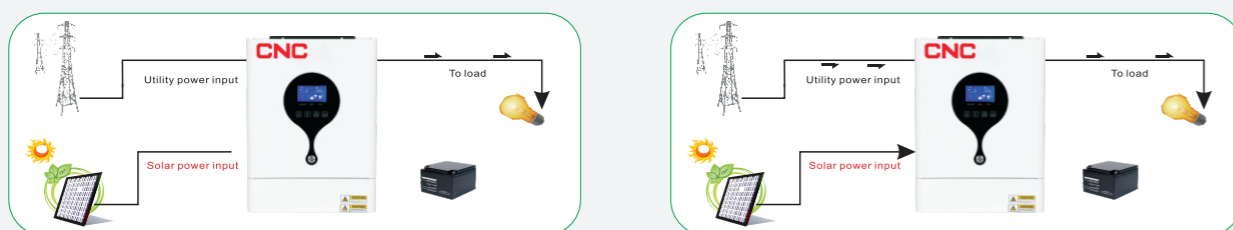


#### Hybrid operation

With battery connected



Without battery connected



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### YCDPO II Off Grid Energy Storage Inverter

#### Wall mounted integrated solar inverter technical specification built-in MPPT solar controller

Model	YCDPO II 3500-24	YCDPO II 5500-48
Rated power	3500VA/3500W	5500VA/5500W
<b>Input</b>		
Voltage	230VAC	
Selectable voltage range	170-280VAC(For Personal Computers); 90-280VAC(For Home Appliances)	
Frequency range	50Hz/60Hz(Auto sensing)	
<b>Output</b>		
AC Voltage regulation (Batt. Mode)	230VAC±5%	
Surge power	7000VA	11000VA
Efficiency (Peak)	up to 93.5%	
Transfer time	10 ms (For Personal Computers); 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
<b>Battery</b>		
Battery voltage	24VDC	48VDC
Floating charge voltage	27VDC	54VDC
Overcharge protection	33VDC	63VDC
<b>Solar charger &amp; ac charger</b>		
Maximum PV array open circuit voltage	500VDC	500VDC
Maximum PV array power	5500W	5500W
MPPT Range @ operating voltage	120~450VDC	
Maximum solar charge current	100A	100A
Maximum AC charge current	80A	80A
Maximum charge current	100A	100A
<b>Physical</b>		
Dimension, D×W×H (mm)	400×300×115	400×300×115
Net weight (kgs)	8.5	9
Communication interface	USB/RS232	
<b>Environment</b>		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating temperature	-10°C to 50°C	
Storage temperature	-15°C to 60°C	

Note: Product specifications are subject to change without further notice.

SSI20-000008-19