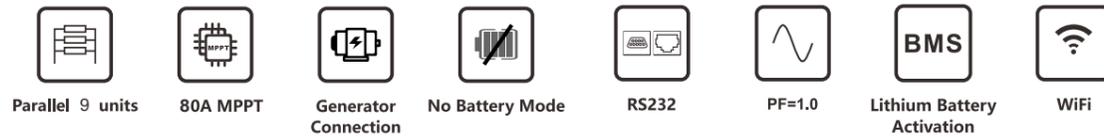


# SOLAR INVERTER

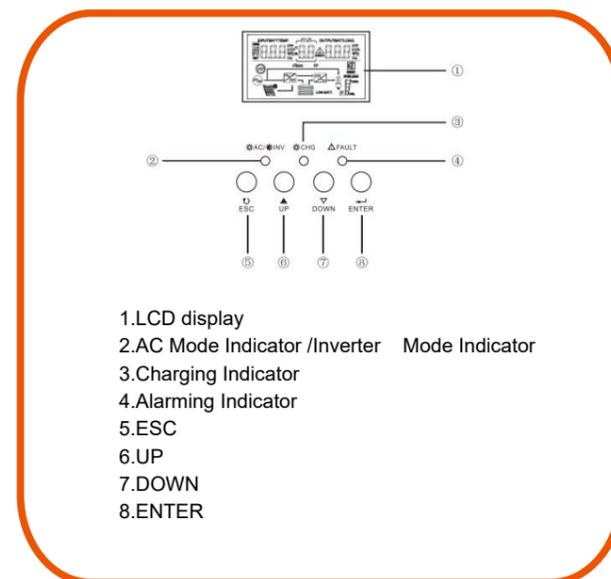
5.5KW PV 120~500Vdc

# CYCLENDO



## Features

- Compatible work with lifepo4 battery
- Parallel operation up to 9 units in 1phase or 3phase
- Direct Plug WIFI Dongle Supported
- Pure sine wave
- Power factor 1.0
- PV input 500Vdc Max
- Built-in MPPT 80A
- Capable to work without battery
- Pure sine wave output, adaptable to different loads
- Protection function for output short circuit
- Multiple parameters can be adjusted according to user needs
- EQ function to optimize battery performance and extend lifecycle



MODEL	XT5500-48S
Capacity	5.5KW
Parallel Capability	YES
Lithium battery activation	YES(By PV or Utility)
Lithium battery Communication	YES(RS232)
<b>INPUT</b>	
Nominal Voltage	208/220/230/240VAC
Acceptable Voltage Range	154-264VAC±3V(APP Mode) 185-264VAC±3V( UPS Mode)
Frequency	50Hz/60Hz(Auto Adaptive)
<b>OUTPUT</b>	
Nominal Voltage	208/220/230/240VAC±5%
Surge Power	11000VA
Frequency	50/60Hz+0.1%
Waveform	Pure Sine Wave
Transfer Time(adjustable)	Computers(UPS Mode)10ms Appliance(APP Mode)20ms
Peak Efficiency	>94%
Over Load Ability	Battery Mode:21s@105%~150%Load,11s@150%~200% Load,400ms@>200% Load
Crest Factor	3:1
Admissible Power Factor	>0.99
<b>Battery</b>	
Battery Voltage	48VDC
Constant Charging Voltage(Adjustable)	56.4VDC
Floating Charging Voltage(Adjustable)	54VDC
Charging Method	CC/CV
<b>Chargers</b>	
Solar ChargerMode	MPPT
MAX.PV Input Power	5500W
MAX.PV input voltage	500Vdc
MPPT Tracking Range	120~500Vdc
MAX.Solar input current	20A
MAX.Solar Charge Current	80A
MAX.AC Charge Current	60A
MAX.Charge Current	100A
<b>PHYSICAL</b>	
Dimensions,D x W x H(mm)	495x312x125
Package Dimensions,D x W x H(mm)	565x385x195
Net Weight(Kg)	12
Communication Interface	RS232
<b>ENVIRONMENT</b>	
Operating Temperature	0 C ~40 C
Storage Temperature	-15 C ~60 C
Humidity	20%~95%(Non-condensing)

Product specifications are subject to change without further notice.

# SOLAR INVERTER

5.5KW PV 120~500Vdc

# CYCLENDO

## PACKAGE

G.W per pallet(Kg)	560
Quantity per pallet(boxes)	45
Size of each pallet(CM)	120*100*14
QTY 20# container(boxes)	10pallet * 45boxes/pallet=450
Total size of the 20# container(CM)	574*225*195
QTY 40# container(boxes)	20pallet * 45boxes/pallet=900
Total size of the 40# container(CM)	1150*225*195

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