

SOLAR INVERTER

11KW PV 90~500Vdc



Parallel 6 units



150A MPPT



Generator Connection



No Battery Mode



RS232



PF=1.0



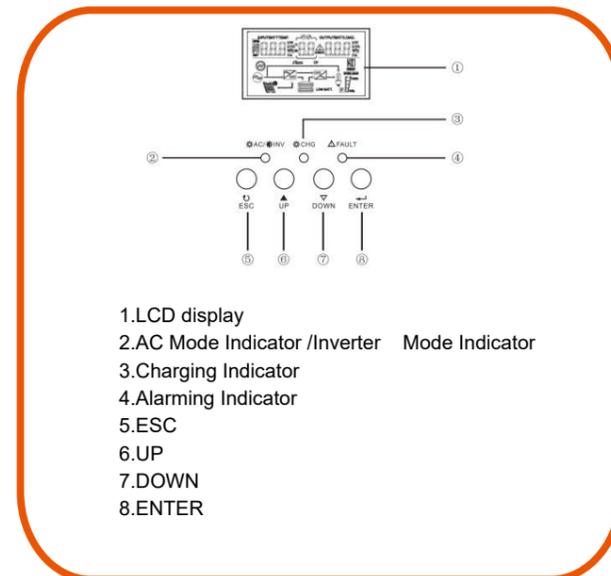
Lithium Battery Activation



WiFi

Features

- Compatible work with lifepo4 battery
- Parallel operation up to 6 units in 1 phase or 3 phase
- Direct Plug WIFI Dongle Supported
- Pure sine wave
- Power factor 1.0
- PV input 500Vdc Max
- Built-in MPPT 150A
- 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	XT1100-48S
Capacity	11KW
Parallel Capability	YES
Lithium battery activation	YES(By PV or Utility)
Lithium battery Communication	YES(RS232)
INPUT	
Nominal Voltage	220/230/240VAC
Acceptable Voltage Range	90-280VAC±3V(APP Mode) 170-280VAC±3V(UPS Mode)
Frequency	50Hz/60Hz(Auto Adaptive)
OUTPUT	
Nominal Voltage	220/230/240VAC±5%
Surge Power	22000VA
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
Battery	
Battery Voltage	48VDC
Constant Charging Voltage(Adjustable)	56.4VDC
Floating Charging Voltage(Adjustable)	54VDC
Charging Method	CC/CV
Chargers	
Solar ChargerMode	Double MPPT
MAX.PV Input Power	2 X 5500W
MAX.PV input voltage	500Vdc
MPPT Tracking Range	90~500Vdc
MAX.Solar input current	18A/18A
MAX.Solar Charge Current	150A
MAX.AC Charge Current	120A
MAX.Charge Current	160A
PHYSICAL	
Dimensions,D x W x H(mm)	570*500*148
Package Dimensions,D x W x H(mm)	708*570*240
Net Weight(Kg)	23
Communication Interface	RS232
ENVIRONMENT	
Operating Temperature	-10℃~50℃
Storage Temperature	-15℃~45℃
Humidity	20%~95%(Non-condensing)

Product specifications are subject to change without further notice.

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CYCLENDO

PACKAGE

G.W per pallet(Kg)	390
Quantity per pallet(boxes)	16
Size of each pallet(CM)	114*72*14
QTY 20# container(boxes)	14pallet * 16boxes/pallet=224
Total size of the 20# container(CM)	525*230*206
QTY 40# container(boxes)	30pallet * 16boxes/pallet=480
Total size of the 40# container(CM)	1150*230*206

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