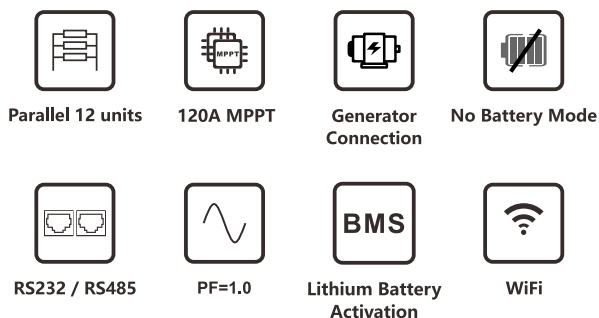


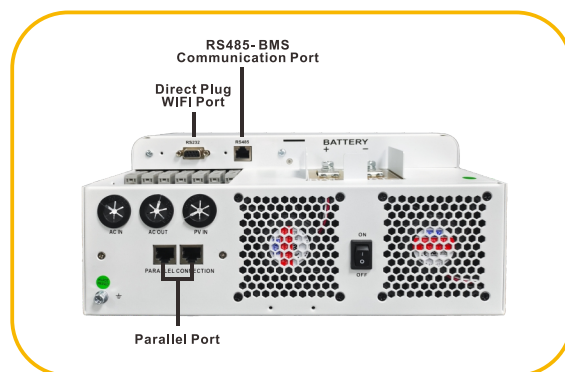
# OFF GRID HYBRID INVERTER

## M Series 6.2KW PV 60-500Vdc



## Features

- Pure sine wave
- Power factor 1.0
- PV input 500Vdc Max
- Built-in MPPT 120A
- Capable to work without battery
- Detachable dust cover for harsh environment
- Compatible work with lifepo4 battery
- Support multiple output priority: UTL, SOL, SBU, SUB
- Parallel operation up to 12 units in 1phase or 3phase
- EQ function to optimize battery performance and extend lifecycle
- Direct Plug WIFI Dongle Supported – No additional cables required, just plug and play!



# Technical Data

<b>MODEL</b>	<b>M6200-48PL</b>
Capacity	6.2KVA/6.2KW
Parallel Capability	YES,12 Units
<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%
Surge Power	12400VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency	94%
Overload Protection	5s@>=150% load; 10s@110%~150% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
<b>BATTERY</b>	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC / CV
<b>Solar Charger &amp; AC Charger</b>	
Solar Charger Type	MPPT
Max.PV Array Power	6500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~450VDC
Max.Solar Input Current	27A
Max.Solar Charge Current	120A
Max.AC Charge Current	80A
Max.Charge Current	120A
<b>PHYSICAL</b>	
Dimensions,D x W x H(mm)	450*300*130
Package Dimensions,D x W x H(mm)	540x390x210
Net Weight(Kg)	9.6
Communication Interface	RS232 / RS485 / Dry-contact
<b>ENVIRONMENT</b>	
Operating Temperature Range	(-10°C ~ 55°C)
Storage Temperature	(-15°C ~ 60°C)
Humidity	5% to 95% Relative Humidity ( Non-condensing )

Product specifications are subject to change without further notice.