

# HYBRID POWER INVERTER

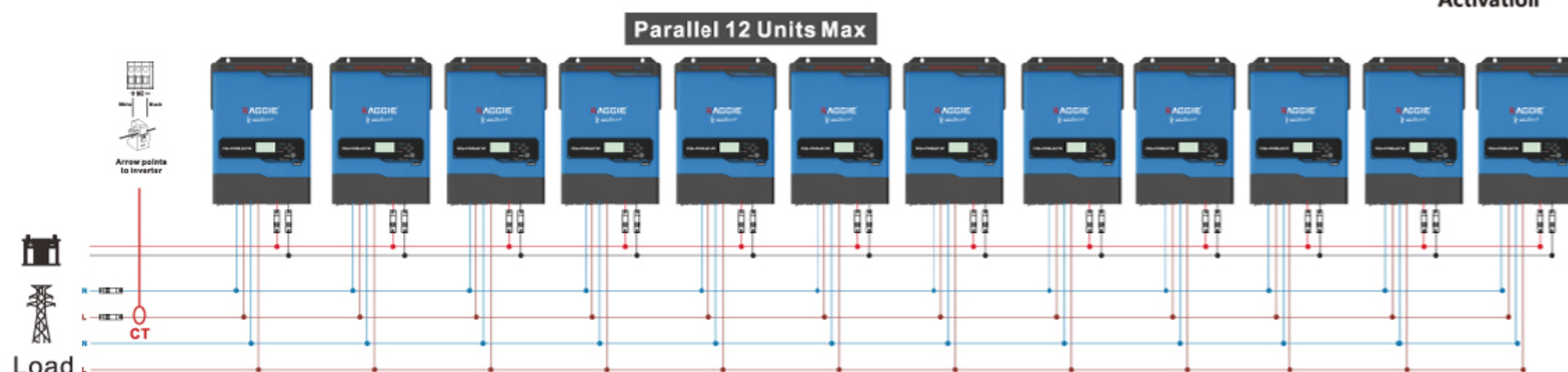
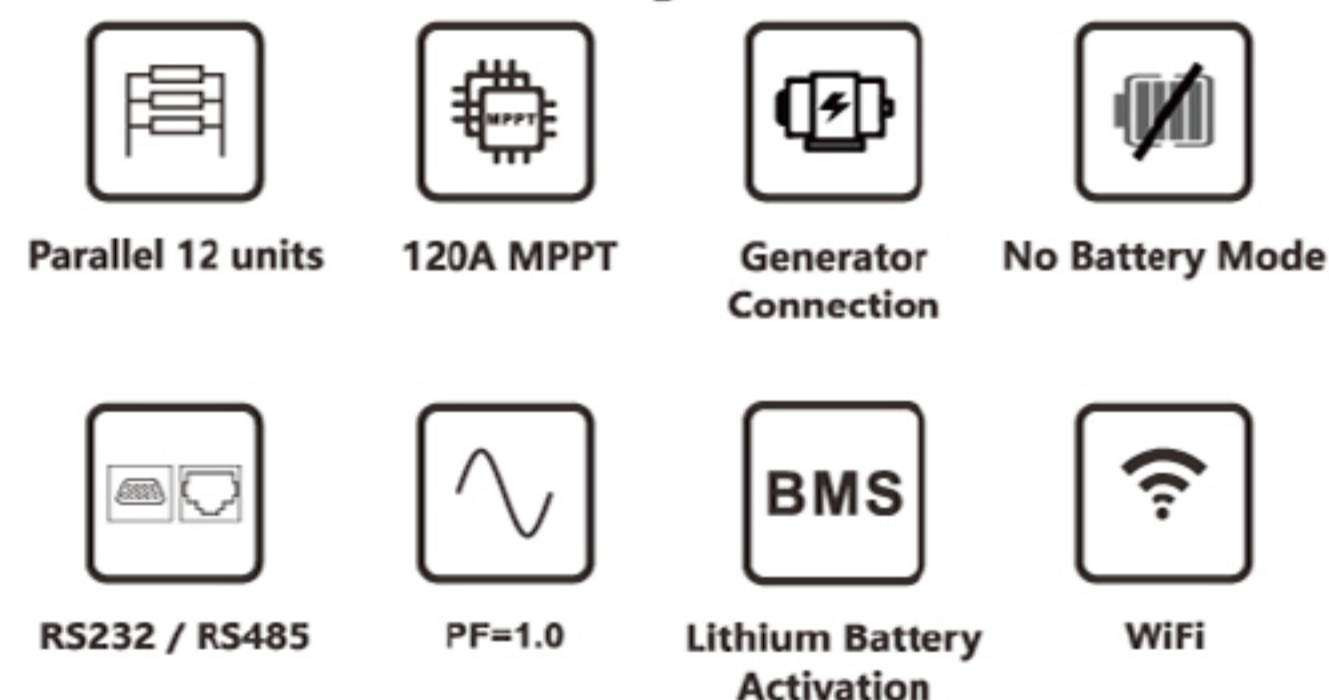
## Parallel

**RG-PM SERIES**



### FEATURES

- Compatible work with lifepo4 battery
- Parallel operation up to 12 units in 1 phase or 3phase
- Direct Plug WIFI Dongle Supported
- 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
- WiFi remote monitoring optional
- Support multiple output priority:UTL,SOL,SBU,SUB
- EQ function to optimize battery performance and extend lifecycle



<b>MODEL</b>	<b>RG-PM 6.2KW</b>
Capacity	6.2KVA/6.2KW
Parallel Capability	YES,12 Units
Lithium battery activation	YES( By PV or Utility)
Lithium battery Communication	YES(RS485)
<b>INPUT</b>	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	56/60 Hz(Auto sensing)
<b>OUTPUT</b>	
Nominal Voltage	220/230VAC±5%
Surge Power	12400VA
Frequency	56/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency	90%
Overload Protection	5s@>=140% load;10s@110%~140% 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 CHARGE</b>	
Solar Charge Typge	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*W*H(mm)	450*300*130
Package Dimensions,D*W*H(mm)	540*390*210
Net Weight(kg)	12
Communication Interface	RS232 / RS485
<b>ENVIRONMENT</b>	
Operating Temperature Range	(-10℃~ 50℃)
Storage Temperature	(-15℃~50℃)
Humidity	5% to 95% Relative Humidity (Non-condensing)

\*Product Specifications Are Subject To Change Without Further Notice