



Model		MG100-207
Inverter		
Output Frequency and Voltage		AC 304-437V, 50±2.5HZ
Rated AC Output and UPS Power	KW	100
Max AC Output Active Power	KW	110
Peak Power		120kw, 60 S
Max AC Output Current Maximum		145
Max Efficiency		98.00%
Charging		
Max Charging Current	A	192
Max Discharging Current	A	192
Batteries		
Rated Voltage	V	739.2V
Max No. Modules		231
Max Capacity	KWH	207
Working Temperature	°C	(-20 °C ~ 50 °C)
Design life		10+ Years
Authentication Level		/
DC/DC Bidirectional Converter		
DC Voltage On The BAT Side	V	Voltage range 300-900V, full load 300-900V
High Voltage Side Battery Voltage	V	Voltage range 300-900V, full load 500-900V
Rated Power	KW	50
Peak Power	KW	55KW(10min)
Low Voltage Side Rated Current	A	160
High Voltage Side Rated Current	A	100
MPPT Function		Be Equipped With
The number Of MPPT Routes		Route 1
Working Mode		LVCCV,LVCC,LVCP,HVCCV,HVCC

Monitoring		
Router		Yes
4G		Yes
Ethernet		NO
Enclosure		
Colour		Grey/White
Protection Category		IP54

Product Advantage

Battery optional, the industry TOP5 mainstream battery are adapted, the default Rongjie energy power supply. 207kWh rated output 400V, 400kWh rated output 690V.

Key advantages include:

1. Hardware: BMU, BCMU, LEMS, gateway, collaborative control, cloud platform and other core components are self-developed;
2. temperature control: the battery cell is cooled by liquid cooling, the maximum temperature difference of the battery cell is 5°C, the battery life is higher;
3. Fire protection: triple fire protection scheme, electric core fire protection + no fire protection + water fire protection, multiple fire protection methods to ensure safety;
4. Conversion efficiency: Tested by third-party CANS authority, the comprehensive efficiency of the equipment is about 90%, and the conversion efficiency is higher.



Comprehensive Energy Efficiency Analysis



Energy Analysis



Integrated Construction Of Source, Network, Storage And Load



Remote Control Chaifa Startup






Multiple Energy Loads



Be Able To Judge The Power Source Of The Grid

DIMENSIONS AND WEIGHT		MG100-207
Dimensions (L x W x H)	mm	1485x1420x2200
Weight	kg	≈3200

Container Loading Size (High Cabinet)		
		3 units
		6 units

