## aokeepower



#### Model

| Inverter                          |     |  |
|-----------------------------------|-----|--|
| Output Freguency 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              | А   | 192  |
| Max Discharging Current           | А   | 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    | А   | 160  |
| High Voltage Side Rated Current   | А   | 100  |
| MPPT Function                     |     | Be Equipped With                           |
| The number Of MPPT Routes         |     | Route 1                                    |
|                                   |     |  |

LVCCV,LVCC,LVCP,HVCCV,HVCC

MG100-207

not coincide in ther enterity with the product. Images non contractual.

Working Mode



https://www.instagram.com/aokeepower/ Aokeepower has the right to modify any feature without prior notice. The images are indicative and may

# **aokeepower**

| 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 a Nalysis

Energy Analysis Integrated Cor Of Source, N



Integrated Construction Of Source, Network, Storage And Load

1111



Remote Control

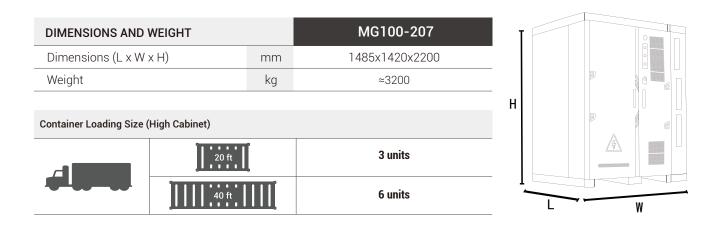
Chaifa Startup



Multiple Energy Loads



Be Able To Judge The Power Source Of The Grid



 E-mail:aokeepower@gmail.com
 Web:https://aokeepower.com/

 www.tiktok.com/@aokeepower
 https://www.instagram.com/aokeepower/

 Aokeepower has the right to modify any feature without prior notice. The images are indicative and may not coincide in ther enterity with the product. Images non contractual.

