

It adopts an integrated liquid-cooling system, with a high-efficiency inverter compressor and intelligent speed regulation of the fan, which can adjust the cooling capacity and wind speed in real time according to the heat load to ensure that the batteries operate at a suitable temperature and prolong the life of the batteries.



#### **Energy Management Unit (EMU)**

It is responsible for real-time communication with BMS, PCS, temperature control system, fire protection system and other equipments, collecting data and forwarding them to the energy storage cloud platform, so that users can view the data at any time through WEB or mobile phone APP. At the same time, EMU, as a local control unit, can execute various operation strategies, such as peak and valley arbitrage and demand management.



#### Supports multiple access modes

It supports AC0.4kV low-voltage side access, which can be flexibly integrated into different scenarios of power grid architecture to meet diversified energy access needs.



### Integration of various functions

It has the functions of peak/valley arbitrage, backflow prevention, manual connection and disconnection, etc., which can adapt to the energy management needs in different scenarios and realise the efficient use and optimal allocation of energy.



## HJ-G100-215L **Technical Specification**

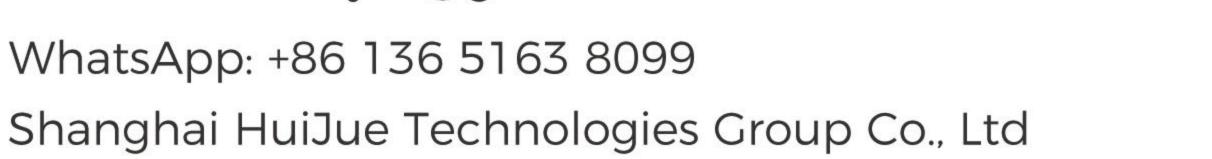
| Model number                                   | HJ-G100-215L                              |
|--|---|
| em   | Technical parameters (single system)      |
| stem parameters                                |   |
| ated Discharge Power                           | 100kW                                     |
| ated charging power                            | 100kW                                     |
| ated Energy Storage Capacity                   | 213kWh                                    |
| orage Battery Type                             | Lithium iron phosphate, 280Ah single unit |
| attery Module                                  | 1P48S                                     |
| ngle Cluster Formation                         | 1P240S                                    |
| laximum Energy Conversion Efficiency           | ≥86%                                      |
| C Side Parameters                              |   |
| ted Voltage                                    | DC768V                                    |
| ttery voltage range                            | DC 600V~876V                              |
| ated Power                                     | 100kW                                     |
| ated Current                                   | 140A                                      |
| aximum DC Power                                | 110kW                                     |
| aximum DC Current                              | 192A                                      |
| C Side Parameters                              |   |
| ated grid voltage/allowable grid voltage range | e 400V (-20%~+15%)                        |
| ted grid frequency / permissible grid frequer  | ncy range 50Hz/60 Hz (±2.5)               |
| ated power factor                              | -0.99~+0.99                               |
| binet parameters                               |   |
| verall Dimension(W×D×H)mm                      | 1300×1300×2275                            |
| eight (t)                                      | ≤3  |
| stallation method                              | Cement foundation or channel steel        |
| otection grade                                 | IP54                                      |
| raying Colour                                  | RAL 7035 Off-white matt                   |

# **Contact Us**

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Thermal management technology



Liquid- cooling





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