

## LITHIUM-ION BATTERY POWER SYSTEM

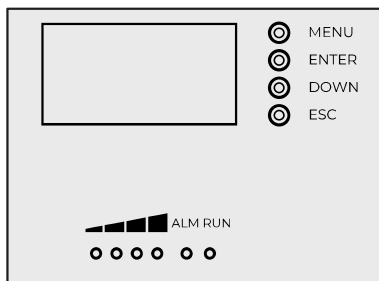
### 51.2V100Ah rack mounted



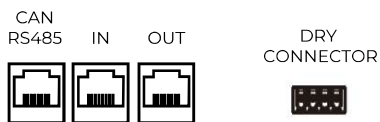
This series is a complete solution for the lithium iron phosphate battery system for the home energy storage field. The system is safe and reliable. It can be used in home storage, industrial and commercial energy storage and other fields.

#### CHARACTERISTIC

- Safe, reliable and long life
- Dynamic identification, automatic paralleling, no need for DIP switches
- Support Bluetooth, mobile APP switching PCS protocol
- CAN/RS485/LAN interface
- Visualization, LCD screen display
- Flexible expansion, the number of parallel machines supports up to 15
- Supports mixed parallel of old and new batteries
- Remote intelligent upgrade maintenance



Panel silkscreen preview



Battery communication interface preview

#### SYSTEM SPECIFICATIONS

|                              |                      |
|------------------------------|----------------------|
| Voltage(V)                   | 43.2~58.4V           |
| Cell                         | 3.2V100Ah            |
| Module                       | 16S1P                |
| Number of parallel machines  | 15PCS                |
| Nominal voltage(V)           | 51.2                 |
| Nominal Capacity(Ah)         | 100                  |
| Nominal Energy(kWh)          | 5.12                 |
| Maximum power output(kW)     | 5.12                 |
| Maximum discharge current(A) | 100                  |
| Maximum charging current(A)  | 100                  |
| Cut-off voltage(V)           | 40                   |
| Maximum charge voltage(V)    | 58.4                 |
| Cycles(25°C)                 | ≥6000                |
| Charging temperature(°C)     | 0~55                 |
| Discharge temperature(°C)    | -20~55               |
| Operating humidity           | <95%R.H              |
| Communication mode           | CAN/RS485            |
| Dry contact                  | Customized by demand |
| Optional modules             | Bluetooth, 4G module |
| Product size(W*D*H,mm)       | 440*442*177          |
| Packing size(W*D*H,mm)       | 535*527*290          |
| Protection class             | IP21                 |
| System weight(kg)            | Approx 48            |
| Certification                | IEC62619/UN38.3/MSDS |