

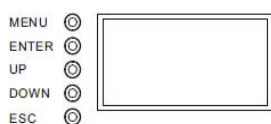
Lithium-ion battery power system

51.2V200Ah

This series is a complete solution for the lithium iron phosphate battery system for the home energy storage field. There are two types of wall-mounted and vertical structures. 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 16
- Supports mixed parallel of old and new batteries
- Remote intelligent upgrade maintenance



Panel silkscreen preview



Battery communication interface preview

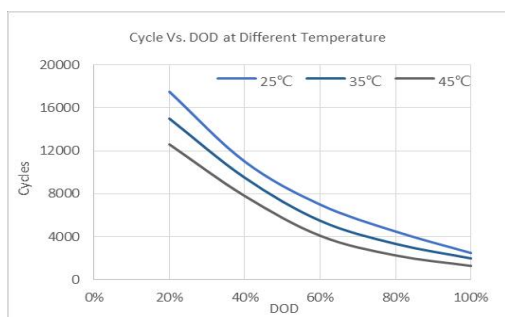
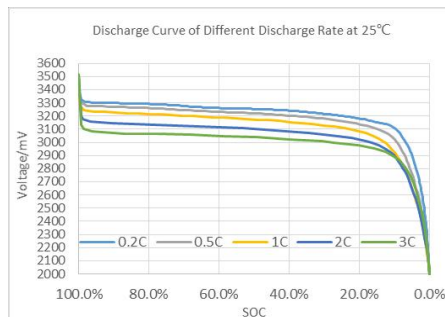
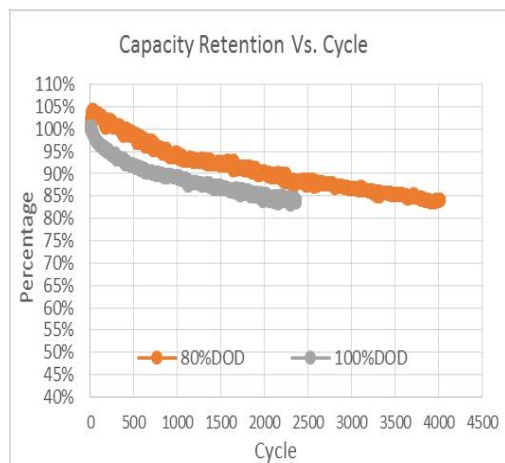
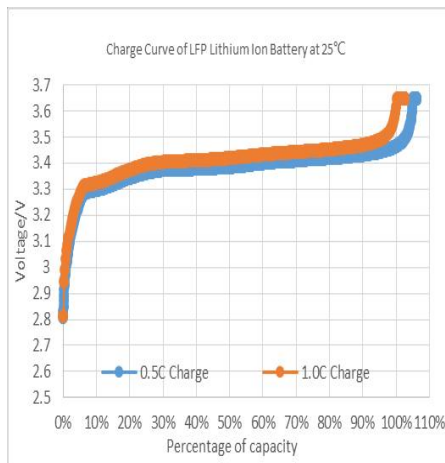
System Specifications

Voltage(V)	40~58.4V
Cell	3.2V200Ah
Module	16S1P
Number of parallel machines	16PCS
Nominal voltage(V)	51.2
Nominal Capacity(Ah)	200
Nominal Energy(kWh)	10.24
Maximum power output(kW)	5.12
Maximum discharge current(A)	100
Maximum charging current(A)	100
Cut-off voltage(V)	43.2V
Maximum charge voltage(V)	58.4
Cycles(0.5C/80%DOD)	>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)	680*510*230mm
Packing size(W*D*H,mm)	845*615*320
Protection class	IP20
System weight(kg)	Approx 85
Certification	UN38.3/CE/MSDS

Product renderings



Cell characteristic curve



With process improvements and product upgrades, the product parameters are subject to change without prior notice