

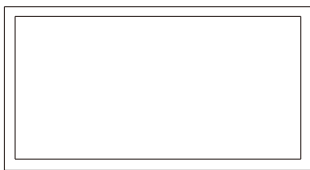
Lithium battery power system

51.2V300Ah

This series is a complete solution for the iron phosphate carp battery system provided in the field of home energy storage. Wall-mounted and vertical structures, the system is safe and reliable, and can be used in home storage, industrial and commercial energy storage and other fields.

Features

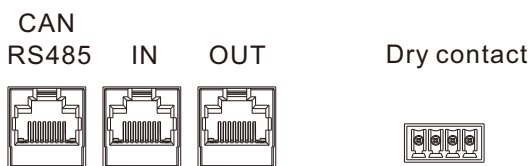
- Safe, reliable, long life.
- Dynamic identification, automatic paralleling, no need for DIP switch
- Support mixed parallel operation of old and new batteries.
- Support Bluetooth, mobile phone APP to switch PCS protocol.
- CAN/RS485/LAN interface
- Visualization, touch screen display
- Flexible expansion, the number of parallel machines supports up to 15
- Efficient operation and maintenance, remote intel'igent upgrade and maintenance



- ⊙ MENU
- ⊙ ENTER
- ⊙ DOWN
- ⊙ ESC



Panel silk screen preview

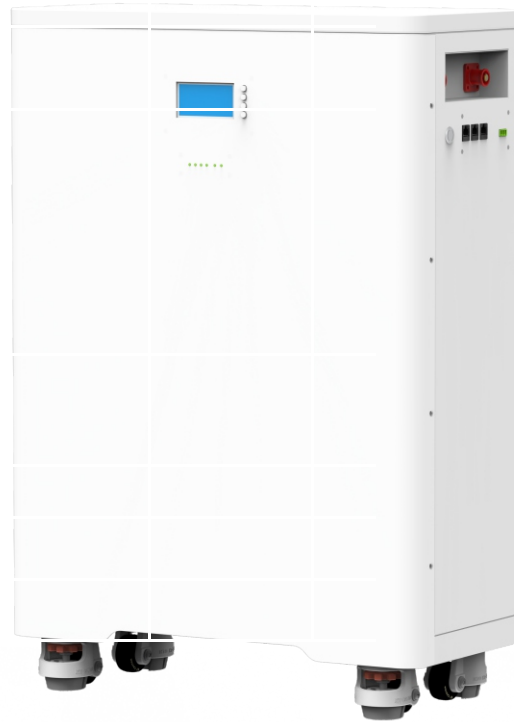


Preview of battery communication interface

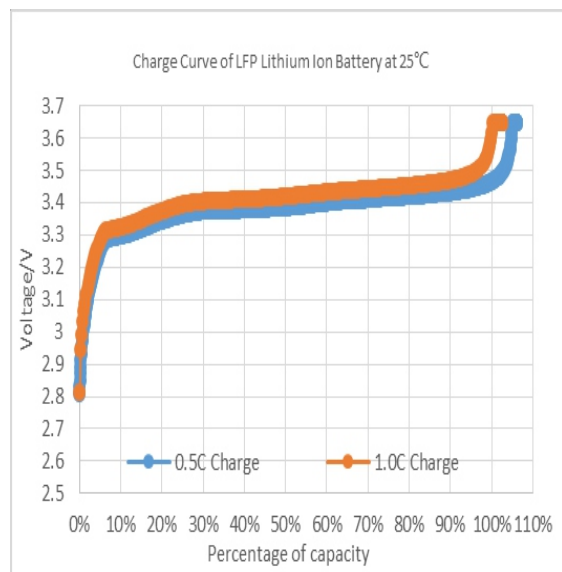
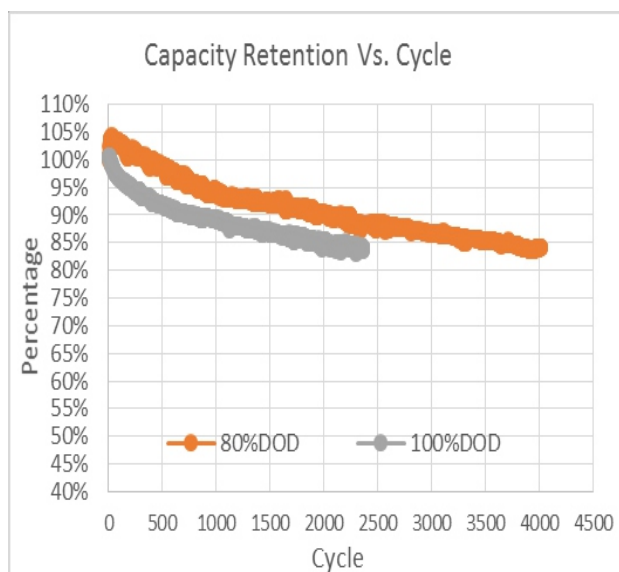
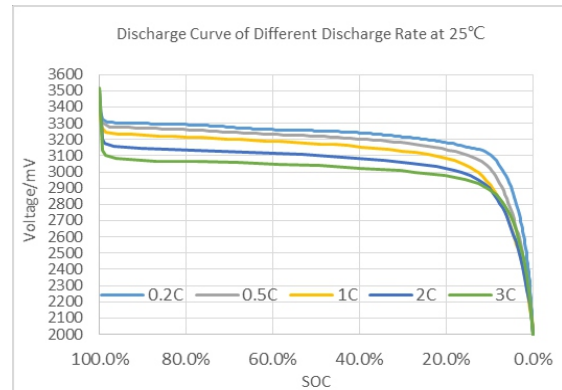
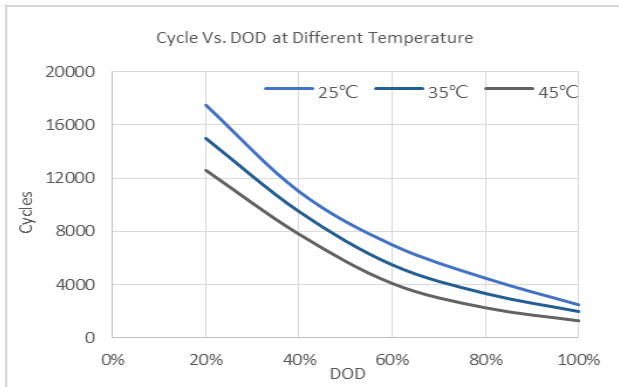
System Specifications

Voltage range (V)	40~58.4V
Cell specification	3.2V300Ah
System Specifications	16S1P
The maximum number of parallel machines supported	16PCS
Rated voltage (V)	51.2
Rated capacity (Ah)	300
Rated energy (kWh)	15.36
Maximum output power (kW)	7.68
Maximum discharge current (A)	150
Maximum charging current (A)	100
Discharge cut-off voltage (V)	43.2V
Maximum charging voltage (V)	58.4
Cycle times (0.5C/80%DOD)	>6000
Charging temperature (°C)	0~55
Discharge temperature (°C)	-20~55
Working humidity	<95%R.H (non-condensing)
Way of communication	CAN/RS485
Dry contact	Customize as needed
Optional module	Support Bluetooth module, 4G module
Product size(W*D*H,mm)	680*510*230mm
Package size(W*D*H,mm)	845*615*320
Degree of protection	IP20
System reference weight (kg)	~115
Certified	UN38.3

Product renderings



Cell characteristic curve



With the process improvement and product upgrade, the product characteristic parameters are subject to change without prior notice