http://www.topakpower.com

Lithium-ion battery power system

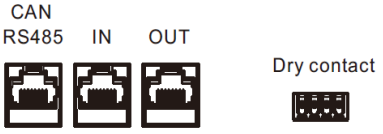
51.2V200Ah（48200W)

This series is a complete solution for the lithium iron phosphate battery system for the home energy storage field. There are three types of wall-mounted、vertical structures and rack. 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 protoco
- 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



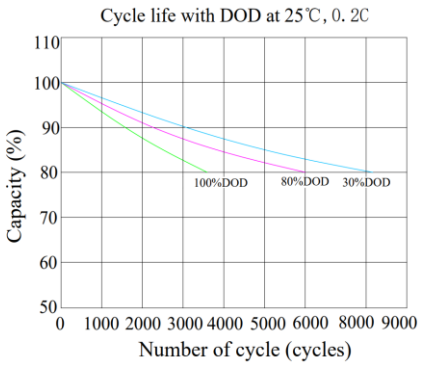
Battery communication interface preview

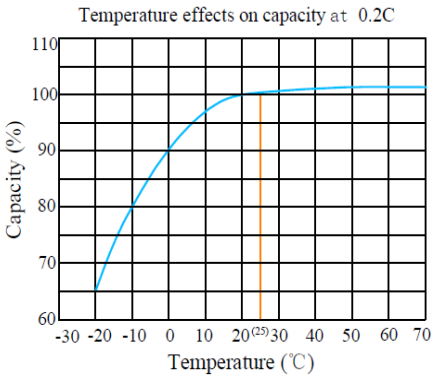
System Specifications

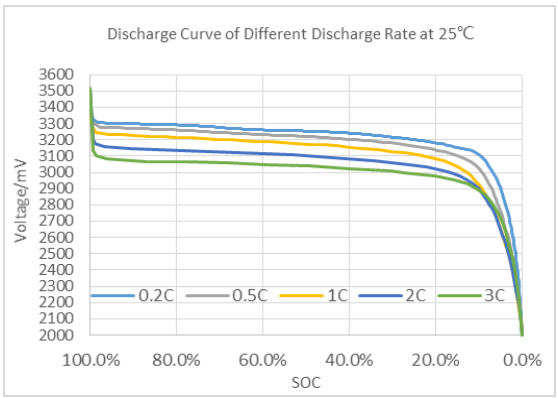
Voltage(V)	43.2~58.4V
Cell	3.2V200Ah
Module	16S1P
Number of parallel machines	15PCS
Nominal voltage(V)	51.2
Nominal Capacity(Ah)	200
Nominal Energy(kWh)	10.24
Maximum power output(kW)	5.12
Maximum discharge current(A)	100
Maximum charging current(A)	100
Cut-off voltage(V)	40
Maximum charge voltage(V)	58.4
Cycles(25℃)	≥6000
Charging temperature(℃)	0~55
Discharge temperature(℃)	-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)	650*525*195
Packing size(W*D*H,mm)	722*597*315
Protection class	IP21
System weight(kg)	Approx 88
Certification	IEC62619/UN38.3/MSDS

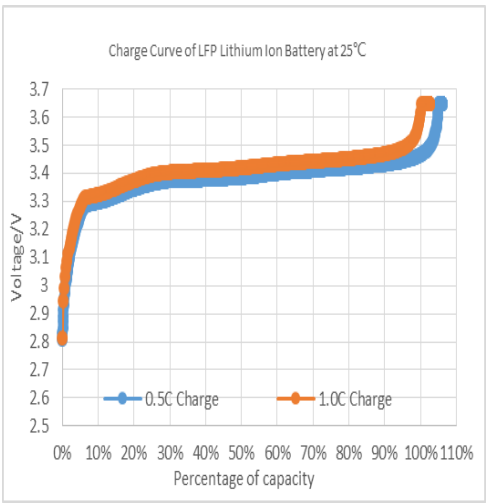
Product renderings

Cell characteristic curve









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

Version： 202307