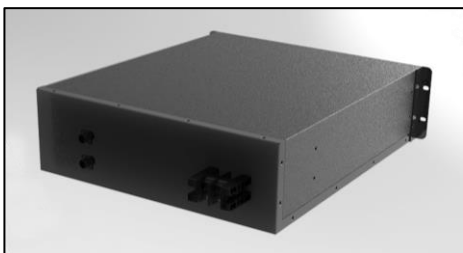


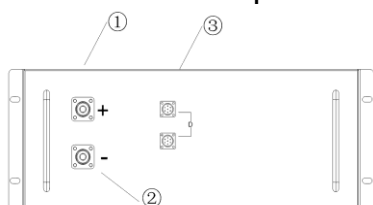
This is a complete solution of lithium iron phosphate battery system for High Voltage energy storage systems, with wide voltage range (96V~1000V). The system is safe and reliable, and can be used in UPS, home storage and industrial and commercial energy storage fields.

Feature

- Safe, reliable and long life
- Standardized module design
- Dual charge and discharge control
- No-gap power supply
- CAN/RS485/LAN Port
- LED Display
- The flexible capacity
- Efficient operation and maintenance



Module effect picture



- ①: Module(+)
 ②: Module(-)
 ③: Series communication port(D)

System Specification

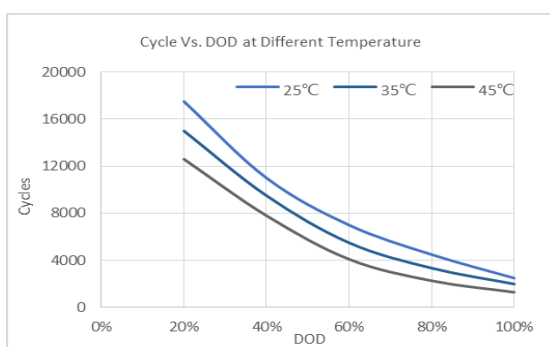
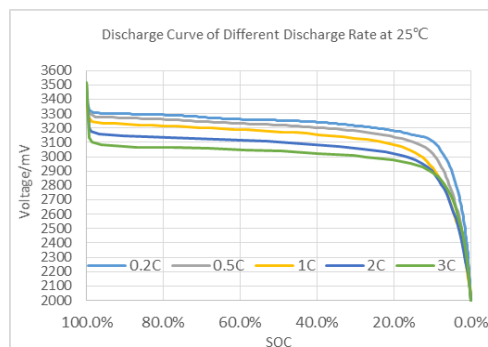
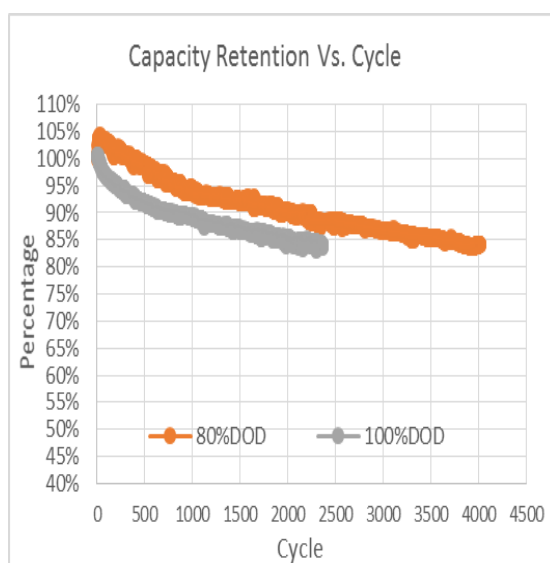
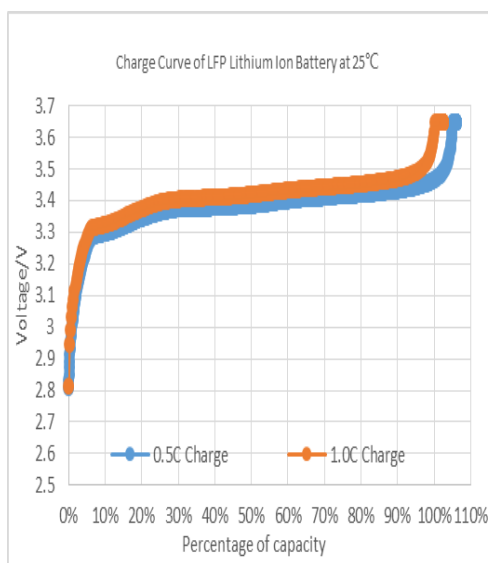
Voltage(V)	324~438V
Cell	3.2V100Ah
Module	15S1P
In series	120S1P
Nominal voltage(V)	384
Nominal Capacity(Ah)	100
Nominal Energy(kWh)	38.4
Maximum power output(kW)	46.1
Maximum discharge current(A)	120
Maximum charging current(A)	100
Cut-off voltage(V)	324
Maximum charge voltage(V)	384
Cycles(25°C,0.5C/1C,80%DOD)	>2500
Charging temperature(°C)	0~55
Discharge temperature(°C)	-20~55
Operating humidity	<95%R.H
Communication mode	CAN/RS485/RS232
Dry contact	Customized by demand
Battery Box(W*D*H,mm)	530*442*133
Control Box(W*D*H,mm)	430*442*133
Rack(W*D*H,mm)	600*800*2000(42U)
Protection class	IP20
System weight(kg)	Approx 350
Certification	CE/UN38.3

Dimmension



Note: The cabinet size drawing is for reference only, and the actual system configuration shall prevail.

Performance curve



The described product characteristics and parameters are subject to change without notice

VER: 202105