

51.2V 212Ah LITHIUM BATTERY



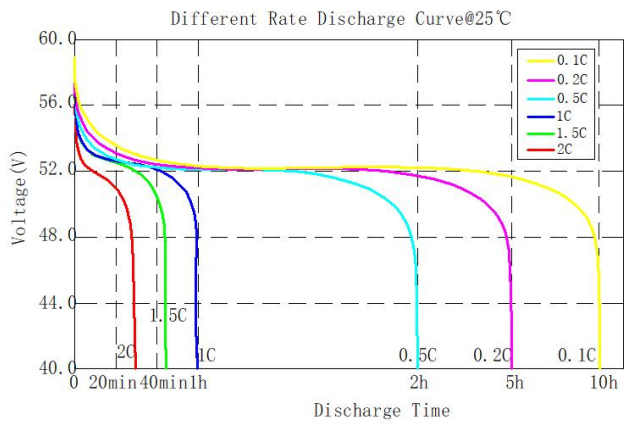
► Features

- A grade brand new solid-state cells
- > 5000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Compatible with most inverters on the market
- Cell balance function
- Stacked style
- Certificate: UN38.3, MSDS, IEC62619 ROHS
- Max 8 battery packs can be connected in parallel

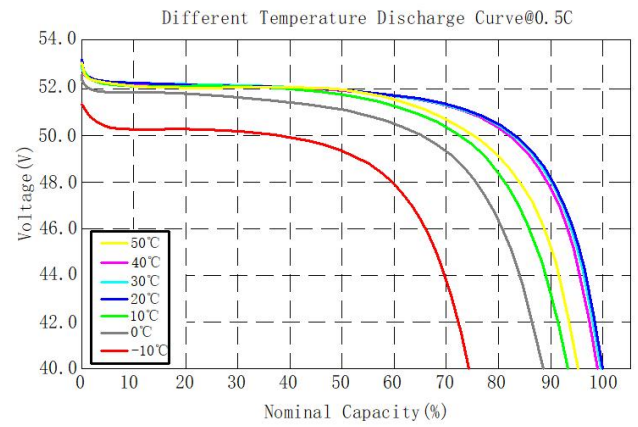
► Electrical Characteristics

Model		LFP10.85KWH51.2V-P65F1QT50
Battery Type		LiFePO4
Nominal Voltage (V)		51.2
Nominal Capacity (AH)		212
Energy (WH)		10854
Pack Mode		16S4P
Continuous Discharge Current (A)		100
Charge Cut-off Voltage (V)		57.6
Discharge Cut-off Voltage (V)		41.6
Max.Charge Current (A)		100
Max.Discharge Current (A)		200
Peak Discharge Current (A)		240@10S
Recommend Discharge Current (A)		100
Recommend Discharge Depth (%)		80
Cycle Life		> 5000 cycles (25°C, 0.5C) 90% DOD
Communication		CAN RS232 RS485
Function		LED
Charge&Discharge Temperature (°C)		Charge: 0°C~+55°C / Discharge: -20°C~+60°C
Optimal Storage Temperature (°C)		5°C ~ +35°C
Recommend Storage Humidity		20%~80%
Terminal		Quick-plug
Dimensions (W*H*D) (mm)		601*160*885
Weight (Kg)		94.3±0.5
Certificate		UN38.3 MSDS IEC62619 ROHS
IP Class		IP65

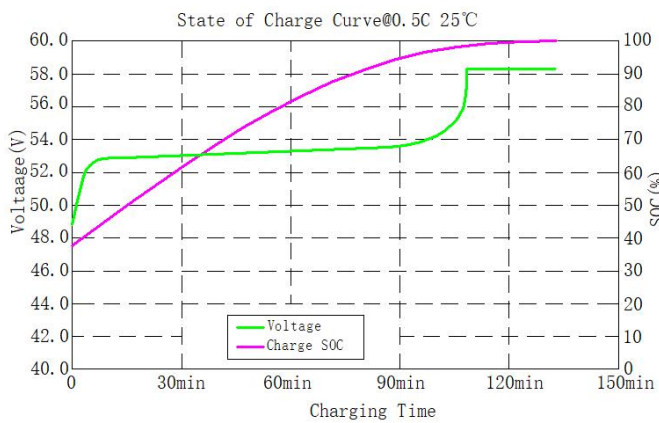
Different Rate Discharge Curve@25°C



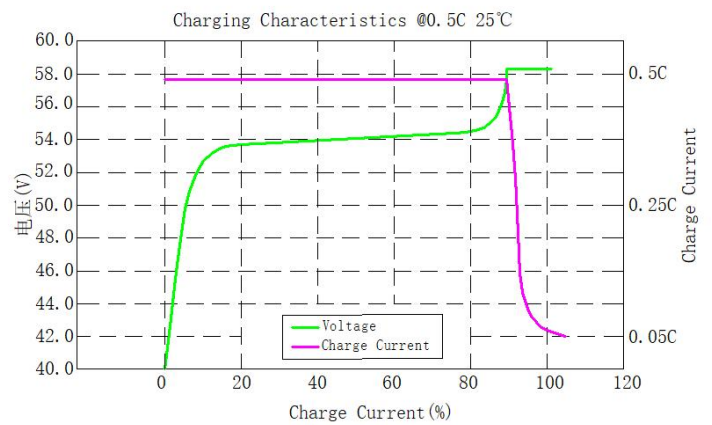
Different Temperature Discharge Curve0.5C



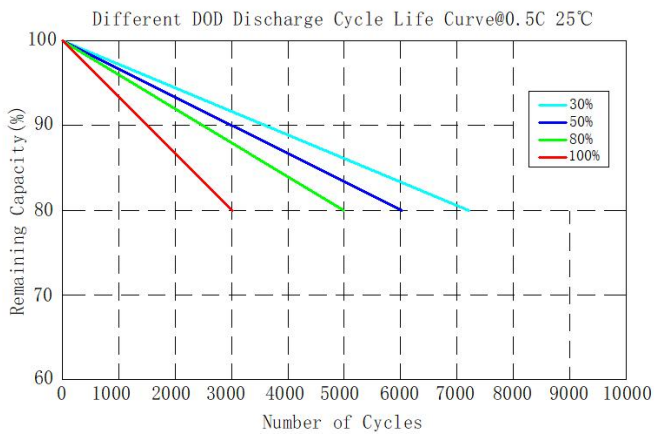
State of Charge Curve@0.5C 25°C



Charging Characteristics@0.5C 25°C



Different DOD Discharge Cycle Life Curve@0.5C 25°C



Different Temperature Self Discharge Curve

