

51.2V 205Ah LITHIUM BATTERY



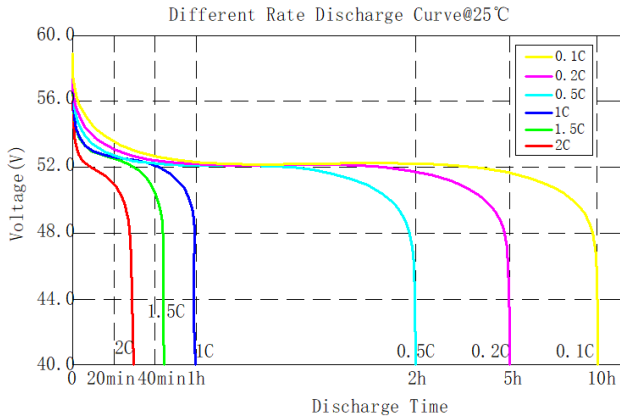
► Features

- A grade brand new prismatic LiFePO4 cells
- > 6000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- LCD display screen to monitor cell SOC, voltage, temperature and a alarm status
- Cell balance function
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS IEC62619
- Max 8 battery packs can be connected in parallel

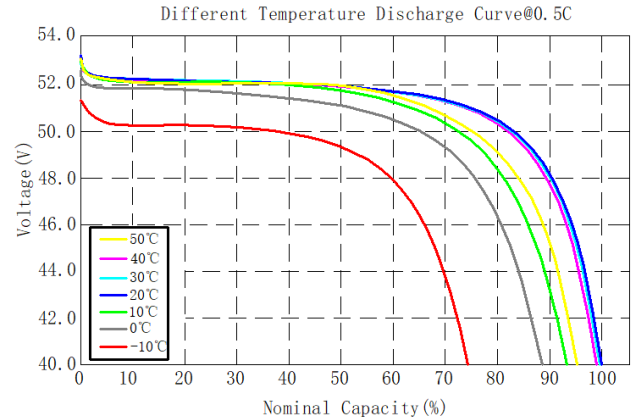
► Electrical Characteristics

Model		EG51205A
Electrical Parameter	Battery Type	LiFePO4
	Nominal Voltage (V)	51.2
	Nominal Capacity (AH)	205
	Energy (WH)	10496
	Pack Mode	16S1P
	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
	Recommend Discharge Current (A)	100
	Recommend Discharge Depth (%)	80
	Cycle Life	> 6000 cycles (25°C, 0.5C) 80% DOD
	Function	---
	Communication	RS485/RS232/CAN
	Display	LCD
	Mounting	Floor-mounted
Environmental Parameter	Charge&Discharge Temperature (°C)	Charge: 0°C~+55°C / Discharge: -20°C~+60°C
	Optimal Storage Temperature (°C)	5°C ~ +35°C
	Relative Humidity	40%~80%
	Ingress Protection	IP65
Mechanical Parameter	Terminal	Quick-plug
	Dimensions (L*W*H) (mm)	550*235*620
	Weight (Kg)	93.9±0.5
Certificate		UN38.3 MSDS IEC62619

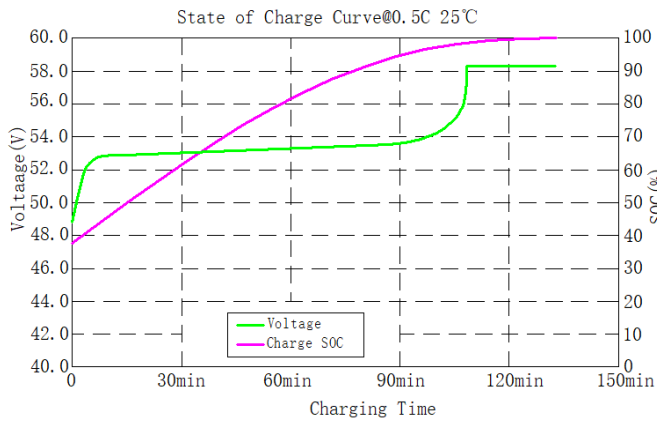
Different Rate Discharge Curve@25°C



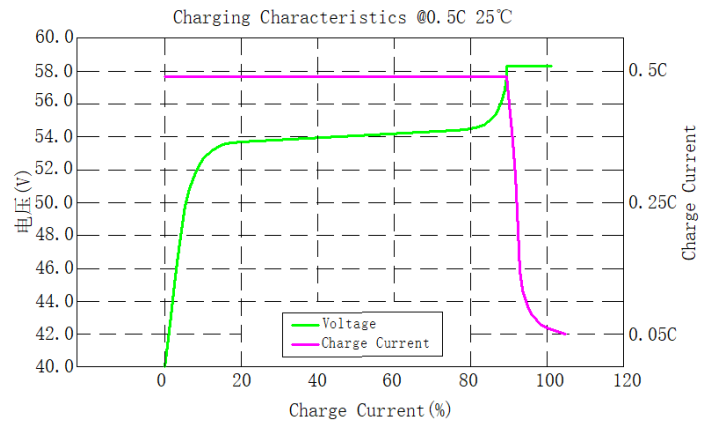
Different Temperature Discharge Curve0.5C



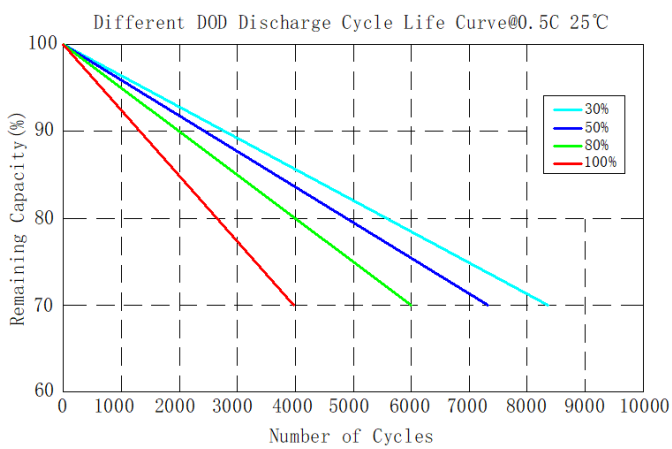
State of Charge Curve@0.5C 25°C



Charging Characteristics@0.5C 25°C



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



Different Temperature Self Discharge Curve

