

12.8V 150Ah LITHIUM BATTERY



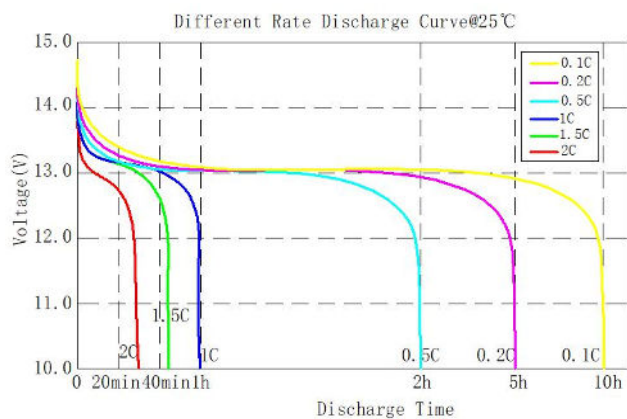
► Features

- 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
- Easy installation and maintenance free
- Cell balance function
- ABS Case, corrosion and high temperature resistance
- Certificate: UN38.3, MSDS, IEC62619, CE-RED, ROHS
- Max 4 battery packs can be connected in series/parallel

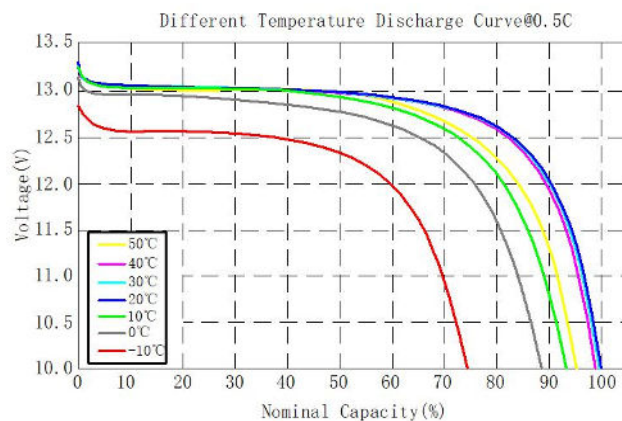
► Electrical Characteristics

Model		LFP1.92KWH12.8V-P65L2-Colombia
Battery Type	LiFePO4	
Nominal Voltage (V)	12.8	
Nominal Capacity (AH)	150	
Energy (WH)	1920	
Pack Mode	4S1P	
Continuous Discharge Current (A)	75	
Charge Cut-off Voltage (V)	14.4	
Discharge Cut-off Voltage (V)	10.4	
Max.Charge Current (A)	150	
Max.Discharge Current (A)	150	
Peak Discharge Current (A)	180@10S	
Recommend Discharge Current (A)	75	
Recommend Discharge Depth (%)	80	
Cycle Life	> 6000 cycles (25°C, 0.5C) 80% DOD	
Function	Bluetooth	
Display	---	
Charge&Discharge Temperature (°C)	Charge: 0°C~+50°C / Discharge: -20°C~+60°C	
Optimal Storage Temperature (°C)	5°C ~ +35°C	
Recommend Storage Humidity	20%~80%	
Terminal	M8	
Dimensions (L *W *H) (mm)	386*206*273mm	
Weight (Kg)	16.7±0.5	
Transportation	UN38.3, MSDS, IEC62619, CE-RED, ROHS	
IP Class	IP65	

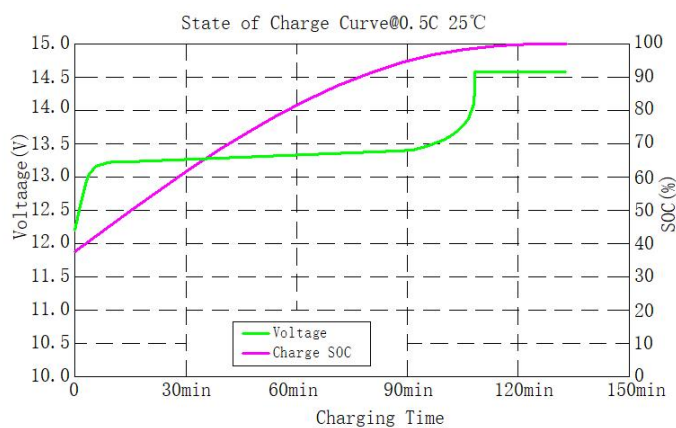
Different Rate Discharge Curve@25°C



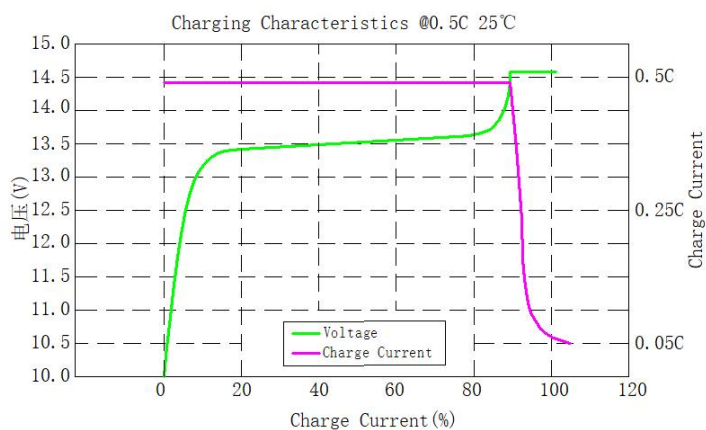
Different Temperature Discharge Curve@0.5C



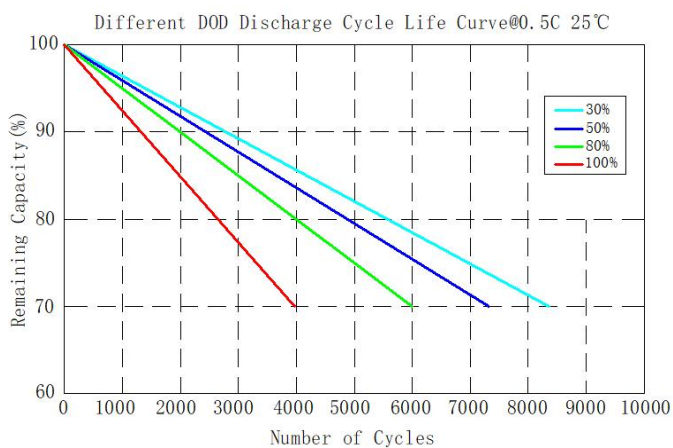
State of Charge Curve@0.5C 25°C



Charging Characteristics@0.5C 25°C



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



Different Temperature Self Discharge Curve

