

12.8V 25Ah LITHIUM BATTERY

Features

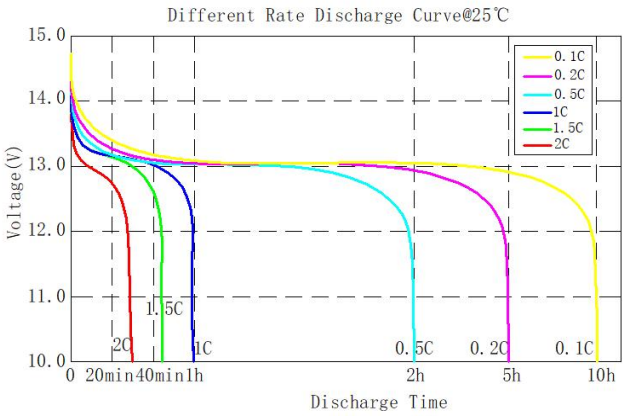
- A grade brand new cylindrical lithium-ion batteries
- > 2000 cycles @80% DOD(25℃, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Easy installation and maintenance free
- Cell balance function
- ABS Case, corrosion and high temperature resistance
- Certificate: UN38.3, MSDS，IEC62619
- Max 4 battery packs can be connected in series/parallel

Electrical Characteristics

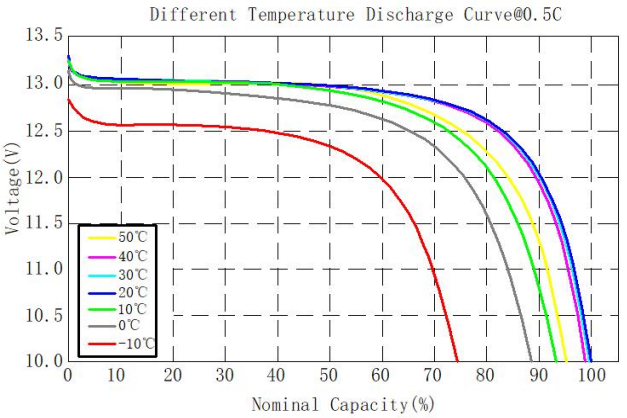
Model	LFP320WH12.8V-P65L1
Battery Type	LiFePO4
Nominal Voltage (V)	12.8
Nominal Capacity (AH)	25
Energy (WH)	320
Pack Mode	4S5P
Continuous Discharge Current (A)	12.5
Charge Cut-off Voltage (V)	14.4
Discharge Cut-off Voltage (V)	10.4
Max.Charge Current (A)	12.5
Max.Discharge Current (A)	25
Peak Discharge Current (A)	30@2S
Recommend Discharge Current (A)	12.5
Recommend Discharge Depth (%)	80
Cycle Life	> 2000 cycles (25°C, 0.5C) 80% DOD
Communication	----
Display	----
Charge&Discharge Temperature (℃)	Charge: 0°C~+50°C / Discharge: -20°C~+60°C
Optimal Storage Temperature (℃)	5°C～+35°C
Recommend Storage Humidity	20%~80%
Terminal	M6
Dimensions (L*W*H) (mm)	176*167*125
Weight (Kg)	2.9±0.5
Transportation	UN38.3 MSDS IEC62619
IP Class	IP65

Performance characteristics

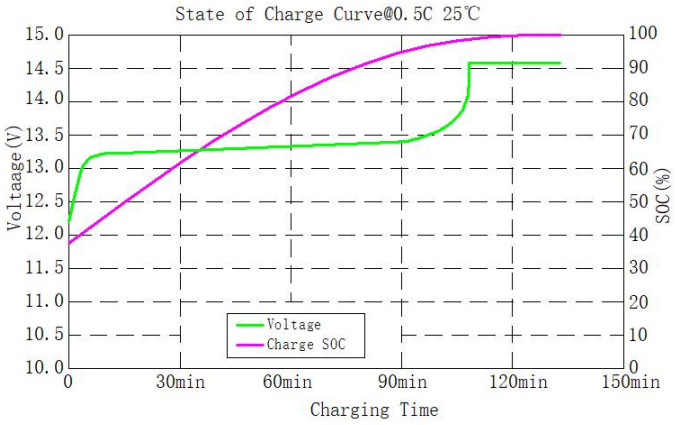
Different Rate Discharge Curve@25℃



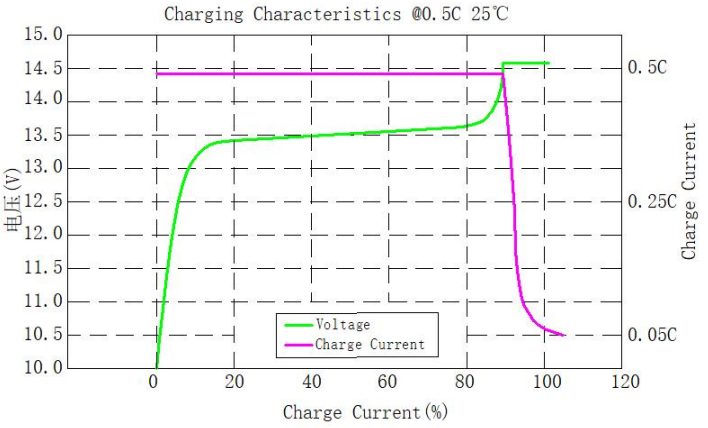
Different Temperature Discharge Curve0.5C



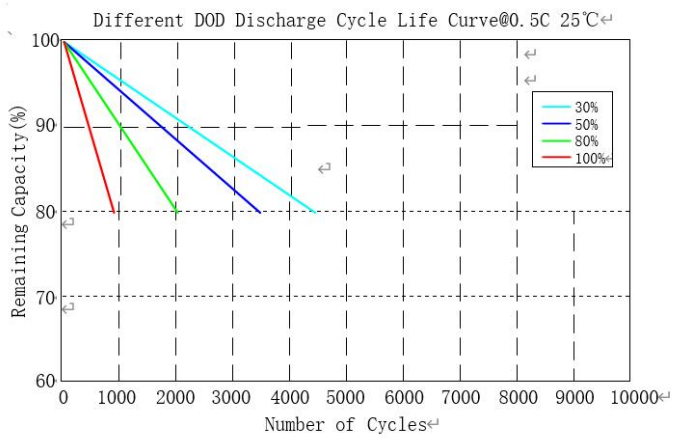
State of Charge Curve@0.5C 25℃



Charging Characteristics@0.5C 25℃



Different DOD Discharge Cycle Life Curve@0.5C 25℃



Different Temperature Self Discharge Curve

