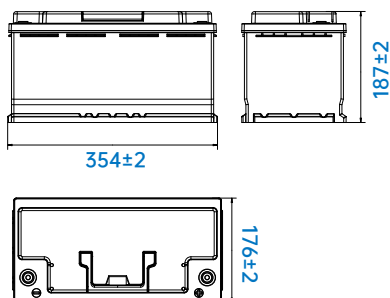


► Product Appearance

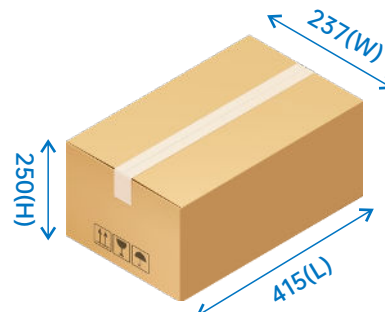


► Product Size



Net Weight: 11.1±0.5kg

► Packaging Size



Gross Weight: 20±0.5kg

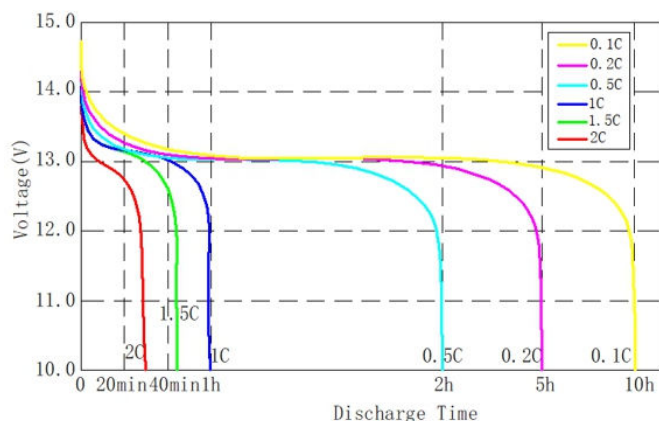
► Features

- 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 ROHS CE-RED
- Max 4 battery packs can be connected in series/parallel

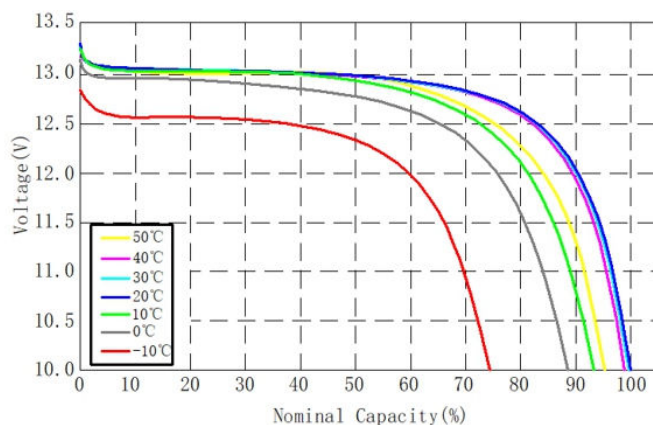
► Electrical Characteristics

Model	LiA12100G
Electrical Parameter	
Battery Type	LiFePO ₄
Nominal Voltage (V)	12.8
Nominal Capacity (AH)	100
Energy (WH)	1280
Pack Mode	4S1P
Charge Cut-off Voltage (V)	14.4
Discharge Cut-off Voltage (V)	10.4
Max.Charge Current (A)	100
Max.Discharge Current (A)	150
Recommend Discharge Current (A)	50
Recommend Discharge Depth (%)	80
Cycle Life	> 6000 cycles (25°C, 0.5C) 80% DOD
Function	Bluetooth, Heating
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	M8
Dimensions (L*W*H) (mm)	354*176*187
Weight (Kg)	11.1±0.5
Certificate	UN38.3 MSDS IEC62619 ROHS CE-RED

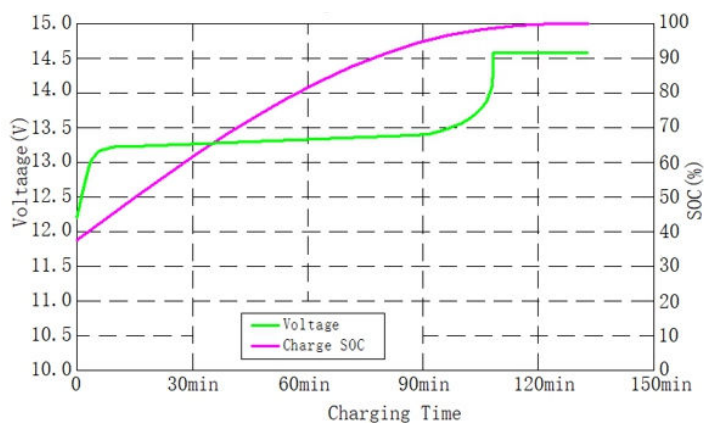
Different Rate Discharge Curve@25°C



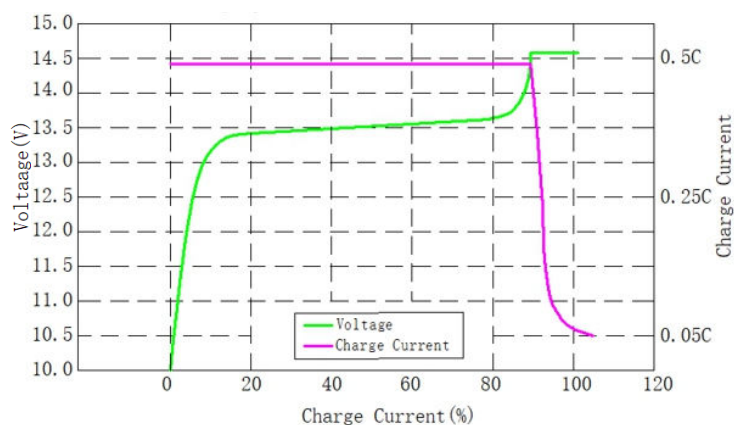
Different Temperature Discharge Curve@0.5C



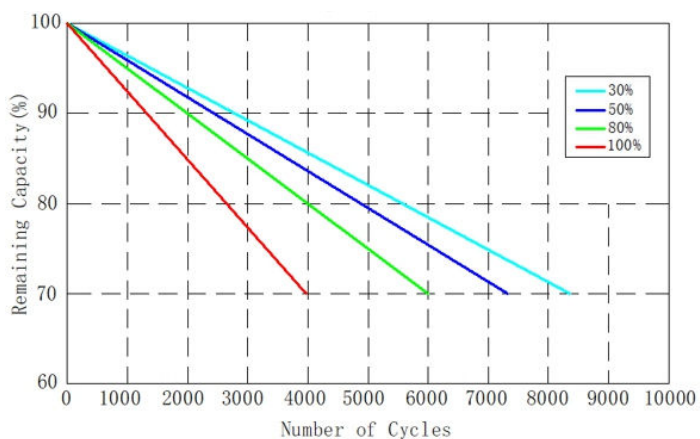
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

