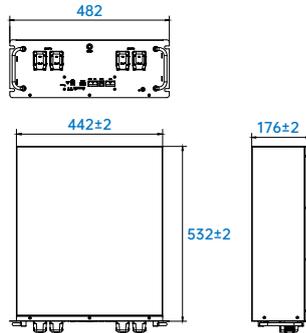


▶ Product Appearance

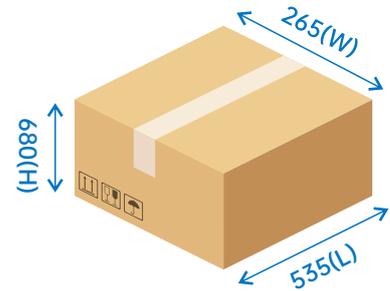


▶ Product Size



Net Weight: 45.9±0.5kg

▶ Packaging Size



Gross Weight: 49.4±0.5kg

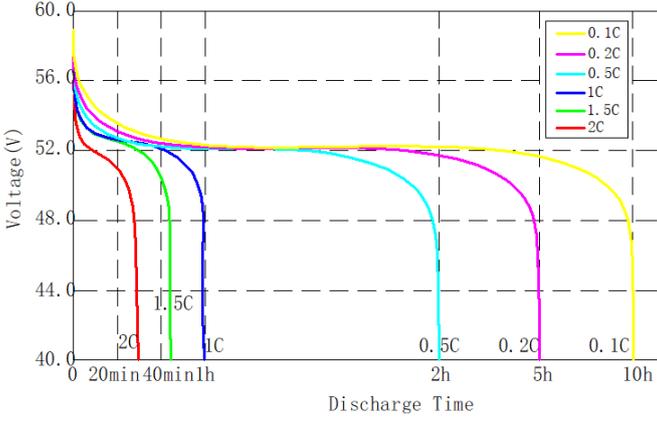
▶ Features

- A grade brand new solid-state cells
- >6000 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
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS, IEC62619 ROHS
- Max 8 battery packs can be connected in parallel

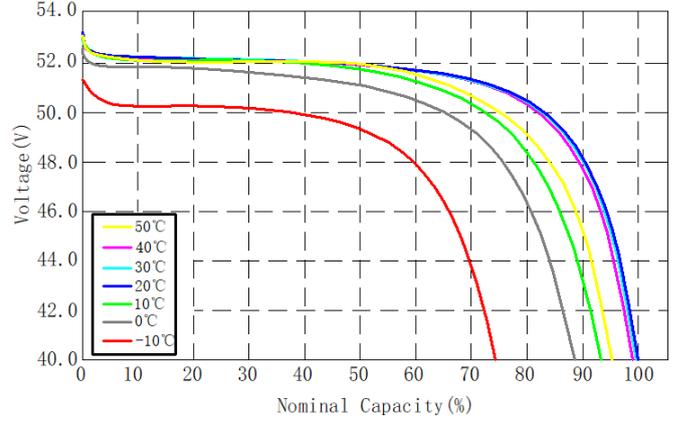
▶ Electrical Characteristics

Model	LFP5.42KWH51.2V-P20R1QT50
Electrical Parameter	
Battery Type	Solid-state
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	106
Energy (Wh)	5427
Pack Mode	16S2P
Continuous Discharge Current (A)	50
Charge Cut-off Voltage (V)	57.6
Discharge Cut-off Voltage (V)	41.6
Max.Charge Current (A)	50
Max.Discharge Current (A)	100
Recommend Discharge Current (A)	50
Recommend Discharge Depth (%)	80
Cycle Life	> 6000 cycles (25°C, 0.5C) 80% DOD
Function	---
Communication	RS485 RS232 CAN
Display	LED
Mounting	Rack-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	IP20
Mechanical Parameter	
Terminal	M6
Dimensions (L*W*H) (mm)	532*442*176
Weight (Kg)	45.9±0.5
Certificate	UN38.3 MSDS IEC62619 ROHS

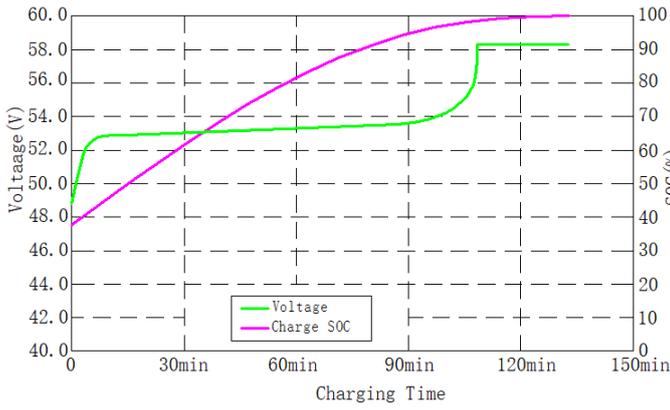
Different Rate Discharge Curve@25°C



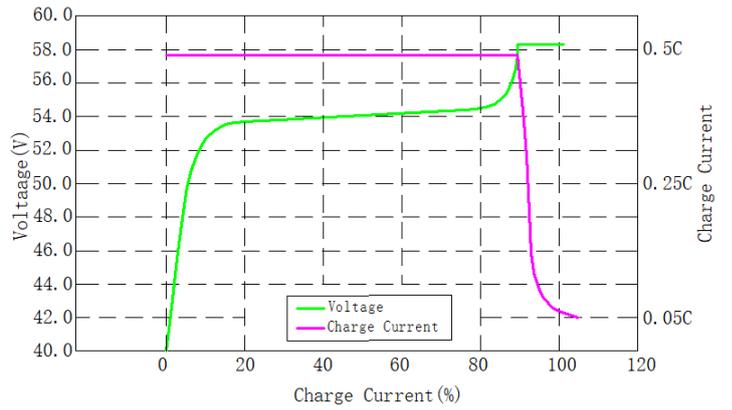
Different Temperature Discharge Curve@0.5C



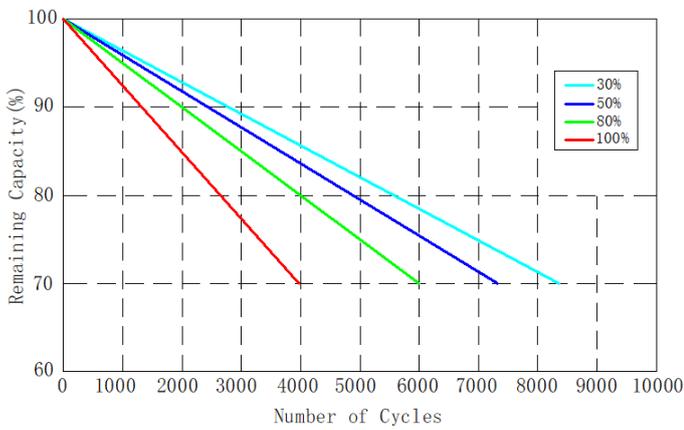
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

