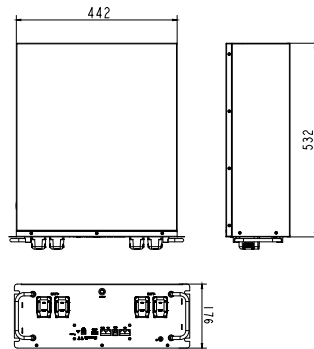


### ▶ Product Appearance

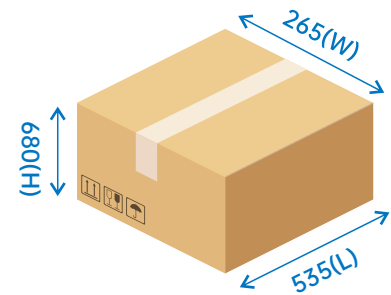


### ▶ Product Size



Net Weight: 47±1kg

### ▶ Packaging Size



Gross Weight: 51±1kg

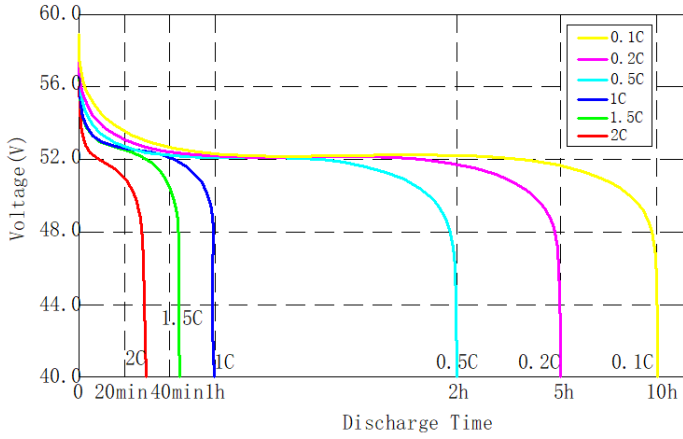
### ▶ Features

- A grade brand new Solid-State LiFePO<sub>4</sub> cells
- >5000 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
- Rack-Mounted
- Cell balance function
- Max.8 battery packs can be connected in parallel
- Certificate: UN38.3, MSDS,IEC62619,ROHS

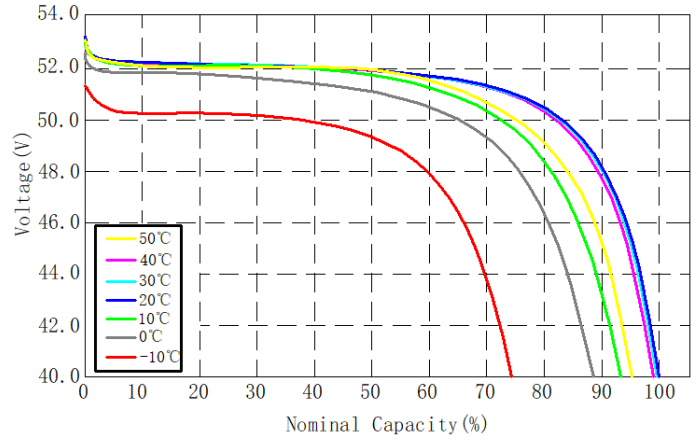
### ▶ Technical Specifications

Model	LFP5.42KWH51.2V-P20R1QT50
Battery Type	LiFePO <sub>4</sub>
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
Peak Discharge Current (A)	120@2S
Recommend Discharge Current (A)	50
Recommend Discharge Depth (%)	80
Cycle Life	>5000 cycles (25°C, 0.5C ) 80% DOD
Communication	—
Display	LED
Charge&Discharge Temperature (°C)	Charge: 0°C~+55°C / Discharge: -20°C~+60°C
Optimal Storage Temperature (°C)	5°C ~ +35°C
Recommend Storage Humidity	60%±20% RH
Terminal	M6
Dimensions (W*H*D) (mm)	532*442*176mm
Weight (Kg)	47±1
Certificate	UN38.3, MSDS,IEC62619,ROHS
IP Class	IP20

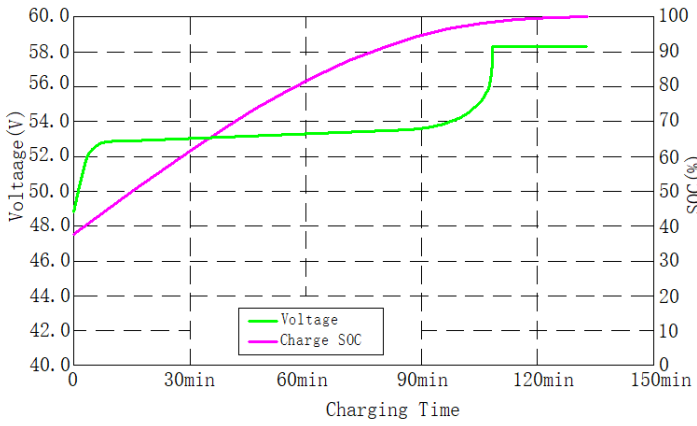
Different Rate Discharge Curve@25°C



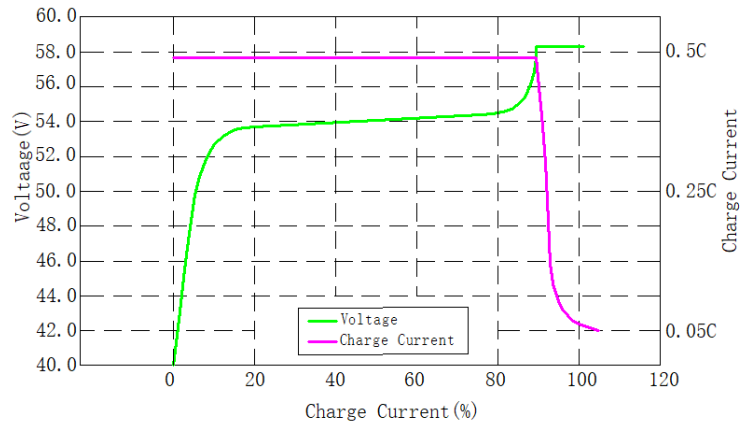
Different Temperature Discharge Curve@0.5C



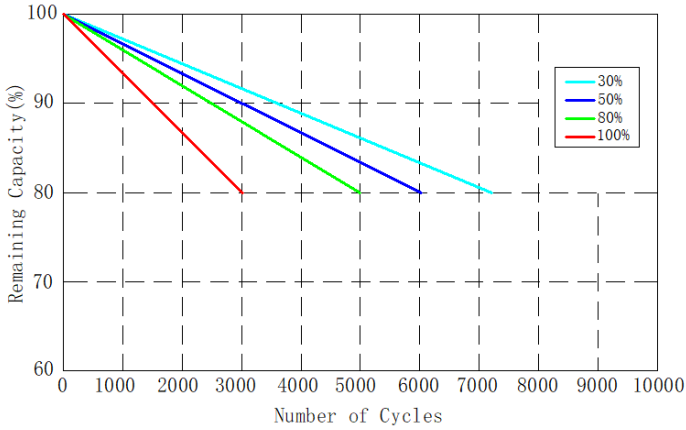
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve

