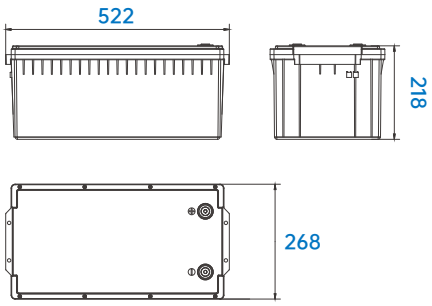
ABS-Case Batteries

LFP2.56KWH12.8V-P65L3

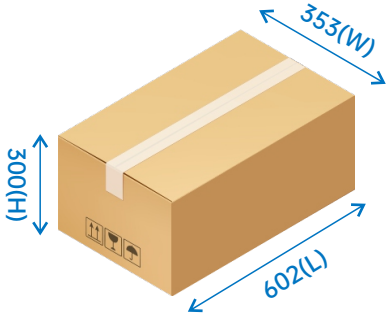
▸ Product Appearance

▸ Product Size



Net Weight: 23.5±0.5kg

▸ Packaging Size



Gross Weight: 26.3±0.5kg

▸ Features

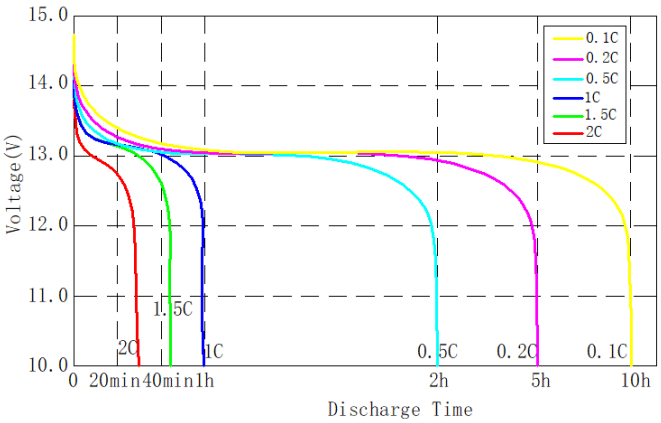
- A grade brand new prismatic LiFePO4 cells
- > 4000 cycles @80% DOD(25℃, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Easy installation and maintenance free
- Cell balance function
- ABS Case, corrosion and high temperature resistance
- Certificate: UN38.3, MSDS
- Max 4 battery packs can be connected in series/parallel

▸ Electrical Characteristics

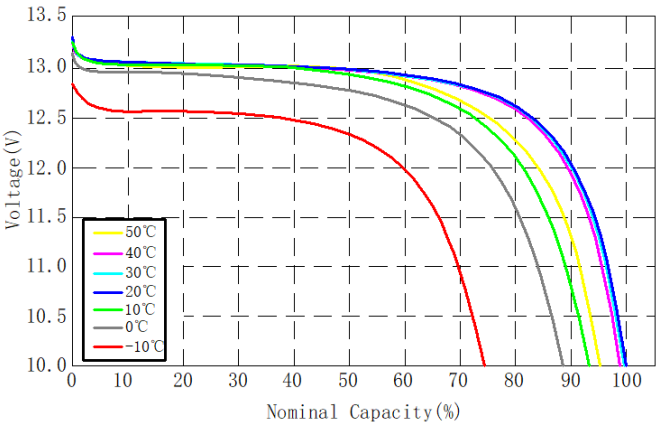
Model	LFP2.56KWH12.8V-P65L3
Electrical Parameter	
Battery type	LiFePO4
Nominal voltage	12.8V
Nominal capacity	205Ah
Energy	2624Wh
Pack mode	4S1P
Continuous discharge current	100A
Charge cut-off voltage	14.4V
Discharge cut-off voltage	10.4V
Max. charge current	100A
Max. discharge current	200A
Peak discharge current	240A
Recommend discharge current	100A
Recommend discharge depth	80%
Cycle life	> 4000 cycles (25°C, 0.5C) 80%DOD
Environmental Parameter	
Charge & discharge temperature	Charge: 0°C~+55°C Discharge: -20°C~+60°C
Optimal storage temperature	5°C ~ +35°C
Relative humidity	40%-80%
Ingress protection	IP65
Mechanical Parameter	
Terminal	M8
Dimensions (LxWxH) (mm)	522x268x218
Weight (Kg)	23.5±0.5
Certificate	UN38.3, MSDS

Performance characteristics

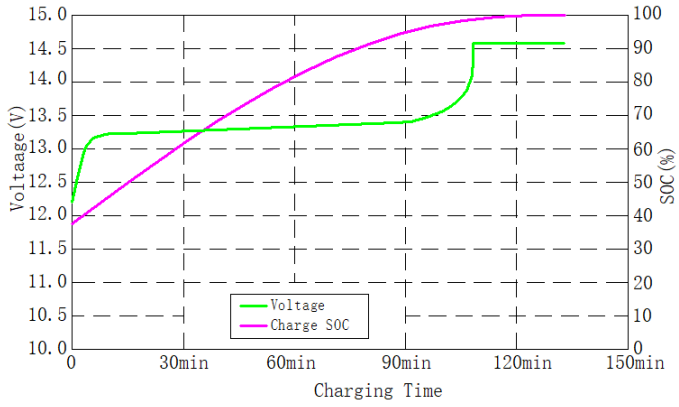
Different Rate Discharge Curve@25°C



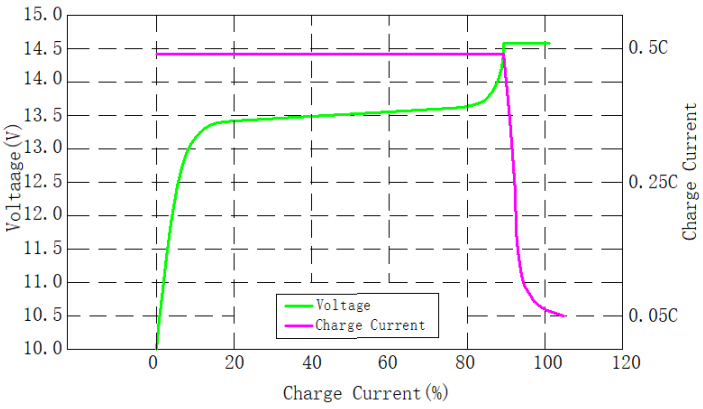
Different Temperature Discharge Curve@0. 5C



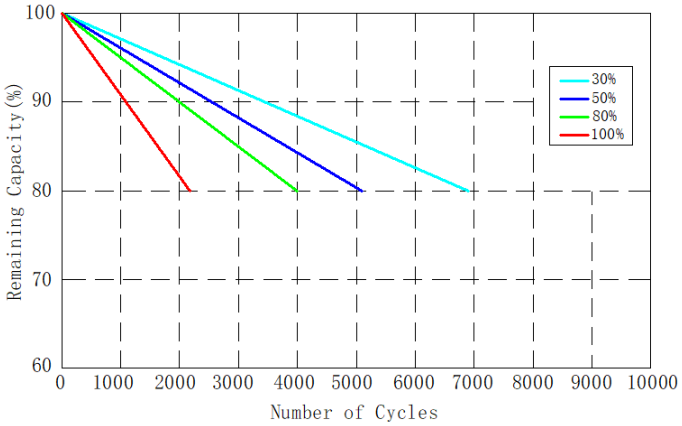
State of Charge Curve@0.5C 25°C



Charging Characteristics @0.5C 25°C



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



Different Temperature Self Discharge Curve