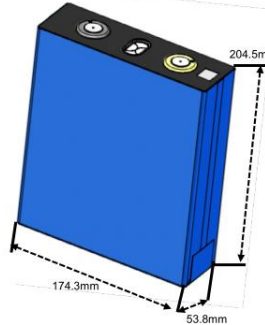


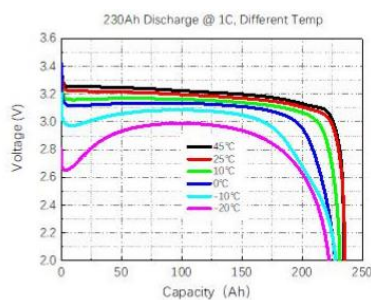
# Premium Lithium Cell

## EP-LFP-230Ah

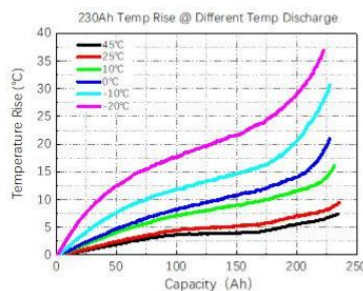
- Holistic safety concept of cell.
- Outstanding cycle life with maximum reliability.
- Continuously improved energy density through new materials and light weighting technology.
- Modular design for various applications and easy upgrade to next generations.
- Standardized cell format.

Item	Specification	
	Dimension (Welding terminal)	53.7mm * 174.7mm * 207.23mm
	Dimension (Screw terminal)	53.7mm * 174.7mm * 217.23mm
	Weight	4.09±0.12kg
	Min. capacity	230Ah(1/2C)@25±2°C
	Min. energy	736Wh(1/2C)@25±2°C
	SOC window	10 ~ 90%
	Terminal	Welding / Screw terminal
	Impedance (1kHz)	0.4mΩ
Voltage	Max.	3.65V
	Nominal	3.2V
	Min.	2.5V
Current	Maximum continuous charge	230A
	Maximum continuous discharge	230A
Energy density	Gravimetric	178Wh/kg
	Volumetric	378Wh/L
Temp. Condition	Operation (Charge)	0 ~ 55°C
	Operation (Discharge)	-30~55°C
	Storage	-30~60°C
Cycle Life	0.5C/0.5C, 80%/60% DOD 25°C	>3500cycles
Service Life	25°C average temperatures	5 years
Abuse test	Overcharge, Over-discharge, Short, Heat	GB/T 31485-2015

### Discharge curve



### charge curve



### Certification

