


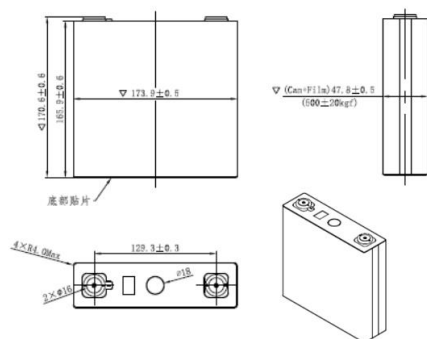
Premium Lithium Cell

EP-LFP-135Ah

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

Item	Specification	
 C2-LFP135S C2-LFP135W	Dimension (Welding terminal)	47.8mm x173.9mm x170.6mm
	Weight	2.85±0.143 kg
	Min. capacity	135Ah (1/3C) @ 25°C
	Min. energy	432Wh (1/3C) @ 25°C
	SOC window	10 ~ 90%
	Terminal	Welding
	Impedance (1kHz)	≤0.4mΩ
Voltage	Max.	3.65 V
	Nominal	3.22 V
	Min.	2.00V (T≤0°C) 2.5V (T>0°C)
Current	Maximum continuous charge	1C
	Maximum continuous discharge	1C
Energy density	Gravimetric	151Wh/kg
	Volumetric	304Wh/L
Temp. Condition	Operation (Charge)	0 ~ 55°C
	Operation (Discharge)	-20 ~ 55°C
Self-Discharge Rate	Count after fresh cell need Standard Charge to 50%SOC and storage at 25±2°C for 1 month	≤3%
Cycle Life	25±2°C, 1C/1C, 100%DOD 70%EOL	7000 cycles
Service Life	25°C average temperature	5years
Abuse test	Overcharge, Over-discharge, Short, Heat	GB/T 31485-2015

Dimension



Certification

