


EP-LFP100W

Premium Lithium Cell

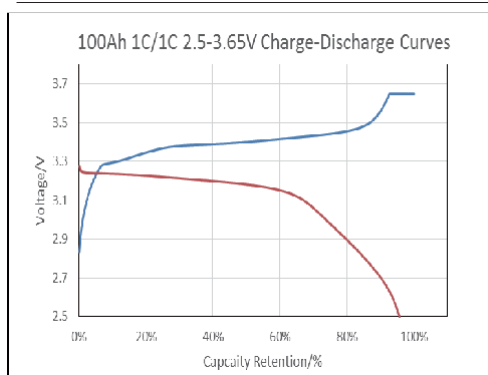


1. Holistic safety concept of cell.
2. Outstanding cycle life with maximum reliability.
3. Continuously improved energy density through new materials and light weighting technology.
4. Modular design for various applications and easy upgrade to next generations.
5. Standardized cell format.

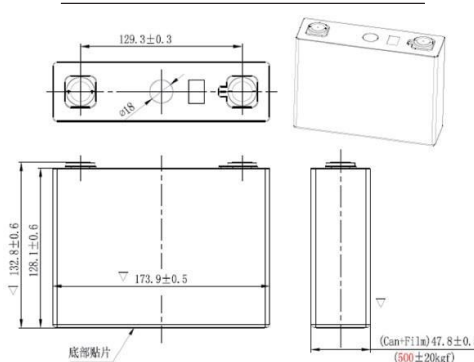
Specification

Item	Specification	
	Dimension	47.8mm x173.9mm x132.8mm
	Weight	Max.2. 3kg
	Min. capacity	100Ah (0.5C) @ 25°C
	Min. energy	320 Wh (0.5C) @ 25°C
	Recommended SOC usage window	10 ~ 90%
	Terminal	Welding
	Impedance (1kHz)	0.4mΩ
Voltage	Max.	3.65 V
	Nominal	3.20 V
	Min.	2.50 V
Current	Maximum continuous charge	100A
	Maximum continuous discharge	100A
Energy density	Gravimetric	139Wh/kg
	Volumetric	289Wh/L
Temp. Condition	Operation (Charge)	0 ~ 55°C
	Operation (Discharge)	-20 ~ 55°C
	Storage	-20 ~ 55°C
Self-Discharge Rate	Count after fresh cell need Standard Charge to 50%SOC and storage at 25±2°C for 3 months	≤3%
Cycle Life	0.5C/1C, 80% DOD 25°C	1500 cycles
Service Life	35°C average temperature	200000Km
Abuse test	Overcharge, Over-discharge, Short,	GB/T 31485-2015

Charge and discharge Curve



Dimension



Certification

