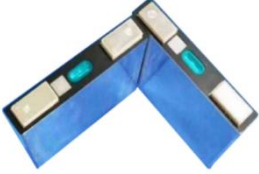


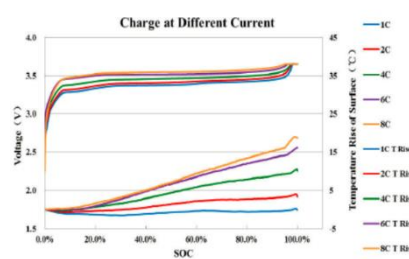
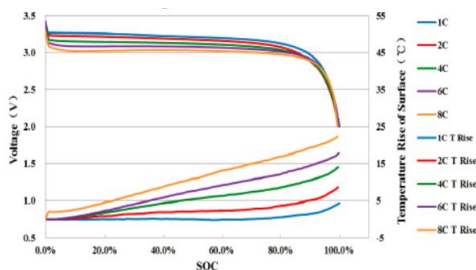
Premium Lithium Cell

ETC-LFP-40Ah

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	
	Dimension (Welding / Screw terminal)	27.5 X 148 X 132.6 mm
	Weight	Max. 1080g
	Min. capacity	40Ah (0.5C) @ 25°C
	Min. energy	128Wh (0.5C) @ 25°C
	SOC window	10 - 90%
	Terminal	Welding/ Screw terminal (+ 9 mm)
	Impedance (1kHz)	≤0.7mΩ
Voltage	Max.	3.65 V
	Nominal	3.20 V
	Min.	2.50 V(>0°C)/2.00V(≤0°C)
Current	Maximum continuous charge	6C1A (240A)
	Maximum discharge continuous / peak	6C1A (240A)
Energy density	Gravimetric	120Wh/Kg
	Volumetric	
Temp. Condition	Operation (Charge)	0 ~ 55°C
	Operation (Discharge)	-20 ~ 55°C
	Storage	-20 ~ 55°C
Self-Discharge Rate	50% SOC and storage at 25±2°C for 3 month	≤3%
Cycle Life	0.5C/1C, 80% DoD 25°C	≥5000 cycles
Service Life	35°C average temperature	5 years
Abuse test	Overcharge, Over-discharge, Short, Heat	GB/T 31485-2015

Charge and discharge curve



Certification

