


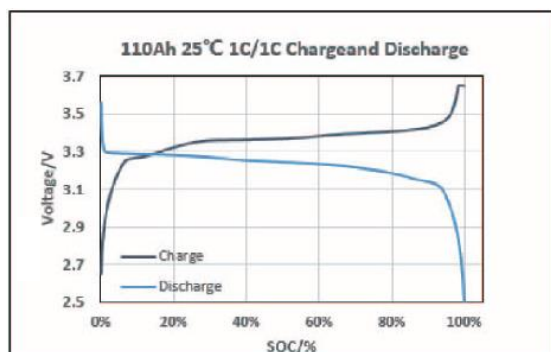
## Premium Lithium Cell

# ETC-LFP-110Ah

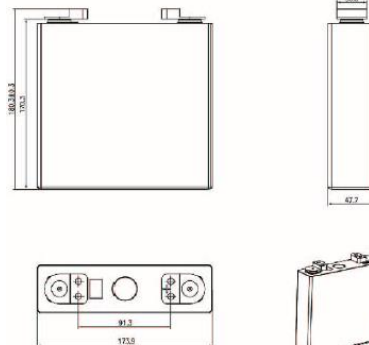
1. Holistic safety concept of cell .
2. Outstanding cycle life with maximum reliability.
3. Continuously improved energy density through new materials and light weighting technology.
4. Modular design for various applications and easy upgrade to next generations.
5. Standardized cell format.

| Item  | Specification   |                          |
|---|---|--------------------------|
|  | Dimension (Welding terminal)  | 47.7mm x173.9mm x170.3mm |
|   | Dimension (Screw terminal)  | 47.7mm x173.9mm x180.3mm |
|   | Weight  | Max.2950g                |
|   | Min. capacity   | 110Ah (1/3C) @ 25°C      |
|   | Min. energy   | 352Wh (1/3C) @ 25°C      |
|   | SOC window  | 10 ~ 90%                 |
|   | Terminal  | Welding/Screw terminal   |
|   | Impedance (1kHz)  | 0.4mΩ                    |
| Voltage   | Max.  | 3.65 V                   |
|   | Nominal   | 3.20 V                   |
|   | Min.  | 2.50 V                   |
| Current   | Maximum continuous charge   | 110A                     |
|   | Maximum discharge continuous / peak   | 110A / 330A (60s)        |
| Energy density  | Gravimetric   | 119Wh/kg                 |
|   | Volumetric  | 247Wh/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 month | ≤3%                      |
| Cycle Life  | 1C/1C, 80% DOD 25°C   | 4,000 cycles             |
| Service Life  | 25°C average temperature  | 5 years                  |
| Abuse test  | Overcharge, Over-discharge, Short, Heat   | GB/T 31485-2015          |

### Charge and discharge curve



### Dimension



### Certification

