


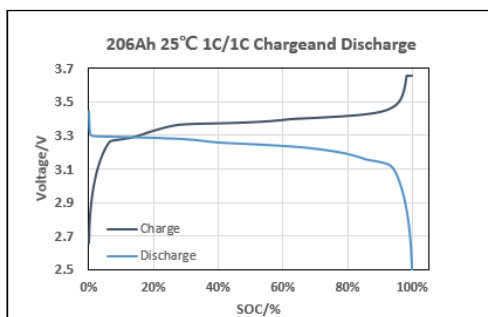
Premium Lithium Cell

ETC-LFP-206Ah

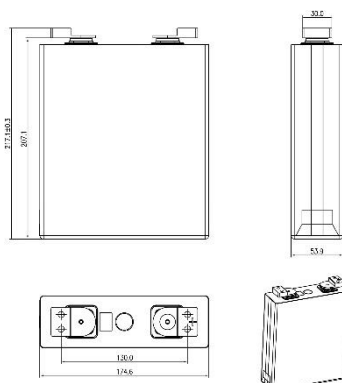
1. Holistic safety concept of cell .
2. Outstanding cycle life with maximum reliability.
3. Continuously improved energy density through new materials and light weighting technology.
4. Modular design for various applications and easy upgrade to next generations.
5. Standardized cell format.

| Item | Specification | |
|---|---|--------------------------|
|  | Dimension (Welding terminal) | 53.9mm x174.6mm x207.1mm |
| | Dimension (Screw terminal) | 53.9mm x174.6mm x217.1mm |
| | Weight | 4.0 +0.2kg |
| | Min. capacity | 206Ah (0.5C) @ 25°C |
| | Min. energy | 663Wh (0.5C) @ 25°C |
| | SOC window | 10 ~ 90% |
| | Terminal | Welding/Screw terminal |
| | Impedance (1kHz) | 0.4mΩ |
| Voltage | Max. | 3.65 V |
| | Nominal | 3.22 V |
| | Min. | 2.50 V |
| Current | Maximum continuous charge | 206A |
| | Maximum sustained discharge | 206A |
| Energy density | Gravimetric | 161Wh/kg |
| | Volumetric | 355Wh/L |
| 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 | 1C/1C, 80% DOD 25°C | 3,000 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

