


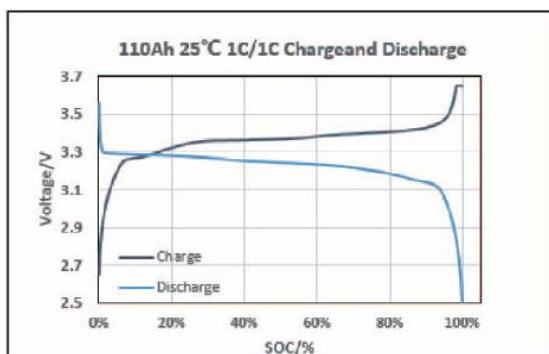
Lithiumzelle

ETC-LFP-110Ah

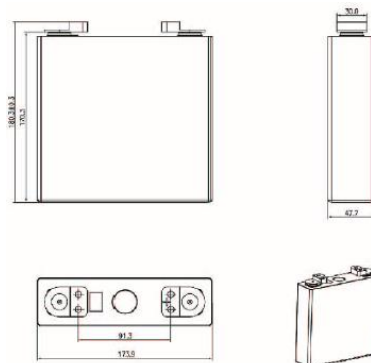
- holistic safety concept from cell to pack level
- Outstanding calendar/cycle life density through new materials and light weight technology
- Modular design for various applications and easy upgrade to next generations
- Standardized cell format

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	4,000cycles
Service Life	25°C average temperature	5years/200000Km
Abuse test	Overcharge, Over-discharge, Short, Heat	GB/T 31485-2015

Charge and discharge curve



Dimension



Certification

