


Premium Lithium Cell

ETC-LFP-228Ah

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)	54mm x174.6mm x207.1mm
	Dimension (Screw terminal)	54mm x174.6mm x217.1mm
	Weight	Max. 4195g
	Min. capacity	228Ah (0.5C) @ 25°C
	Min. energy	734Wh (0.5C) @ 25°C
	SOC window	0 ~ 100%
	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	228A
	Maximum sustained discharge	228A
	Maximum discharge long pulse	456A @120s
Energy density	Gravimetric	175Wh/kg
	Volumetric	375Wh/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	UN38.3, GB/T 31485-2015

Charge and discharge curve

