

DESCRIPTION C2-LFP206

The ETC batteries, according to their manufacturer, feature a holistic safety concept applied from cell to pack level. They have outstanding calendar/cycle life with maximum reliability. Energy density is continuously improved through application of new materials and lightweight technology. Their modular design and standardized cell format makes them suitable for various applications and ensure an easy upgrade to next generations.

The C2-LFP206 comes in two variants. Please specify this on order.

- C2-LFP206S: screw terminals
- C2-LFP206W: weld terminals



Blue Cars imports and distributes technology for electric mobility, and can assist you with your project through design and engineering services.

TECHNICAL SPECIFICATIONS

Item		Specification
Dimension	Welding terminal	53.9mm x174.6mm x207.1mm
Dimension	Screw terminal	53.9mm x174.6mm x217.1mm
Weight	Max	4,200g
Capacity	Min	206Ah (0.5C) @ 25 °C
Energy	Min	663Wh (0.5C) @ 25 °C
SOC window		0 ~ 100 %
Terminal type		Welding/Screw terminal
Voltage	Max.	3.65 V
	Nominal	3.20 V
	Min.	2.00 V
Energy density	Gravimetric	161Wh/kg
	Volumetric	355Wh/L
Temp. Condition	Operation (Charge)	0 ~ 55°C
	Operation (Discharge)	-20 ~ 55°C
	Storage	-30 ~ 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, 100% DOD 25 °C	3,000 cycles
	1C/1C, 100% DOD 45 °C	1,000 cycles
Service Life	35 °C average temperature	5years/200,000Km
Calendar Life	SOC 50%, 25 °C	On going (10yrs est.)
Abuse test	Overcharge, Over-discharge, Short, Heat	GB/T 31485-2015

