



## CELL-NCM

Be applied in trucks, cars, buses, forklifts as driving force and various energy storage systems.

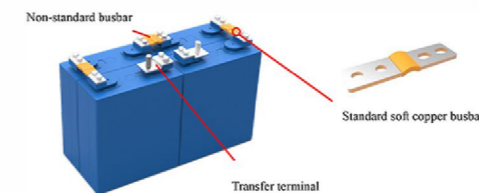
Welding Terminal

Screw Terminal

Nut Terminal

ITEM	SPECIFICATIONS	
Product Type	NCM102Ah	NCM177Ah
Nominal Capacity	102Ah	177Ah
Constant Charge & Discharge Rate	≤1C	
Voltage Range/Normal	2.8-4.3V /3.7V	2.8-4.35V /3.73V
Operating Temperature	Charge: 0°C~55°C    Discharge: -30°C~55°C	Charge: 0°C~55°C    Discharge: -30°C~55°C
Energy Density	1.73Kg	2.70±0.1kg
Weight	218Wh/kg 506Wh/L	240Wh/kg 550Wh/L
Cycle Life	≥2000 times	≥2500 times
Dimension	T:52.2±0.3mm W:148.9±0.3mm H:100.3±0.5mm	T:79.22±0.3mm W:149.10±0.6mm H:105.31±0.3mm

### BUSBAR OPTION FOR LFP/NCM CELLS



To suit the various connection needs, Lithium Storage raises the option of soft copper busbars for lithium battery cells, including standard busbars, non-standard

busbars, and custom busbars. The standard type of soft copper busbar is composed of 30 layers of 0.1 mm thickness copper foils inside and 2 layers of nickel foils covered upside and downside. This design can make the busbars suit terminals of lithium battery cells exactly during the installment.



### BATTERY BRACKET OPTION



Battery Brackets for LFP are designed by Lithium Storage, especially for the module installment LFP205Ah and LFP280Ah lithium battery cells with screw terminals. The battery bracket consists of bracket A (side part) and bracket B (middle part). Batteries can be fixed and combined by battery brackets via thread pole. Battery Bracket brings convenience to customers to assembly battery modules flexibility. For example, the LFP205Ah 1P8S module need 2pcs bracket A and 7pcs bracket B.