



**YOUR PROFESSIONAL
LITHIUM BATTERY
SOLUTION PROVIDER**



**Lithium
Storage**

LFP40AH

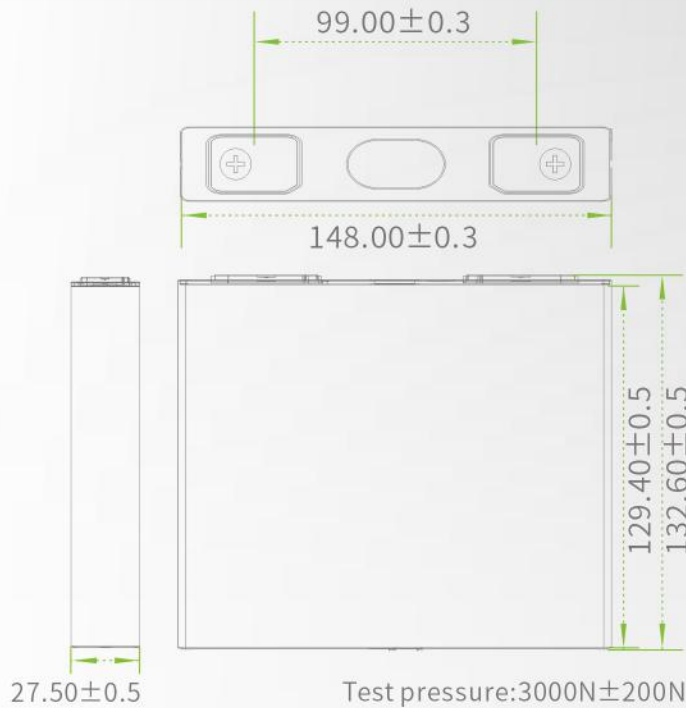


LITHIUM STORAGE can offer different terminal solution for cells with welding terminals, including screw terminals and nut terminals. These solutions have passed the multiple inspection testing items such as drawing force, shear force and torque testing etcetera and have been applied in the various electric vehicles and energy storage projects in the different countries.

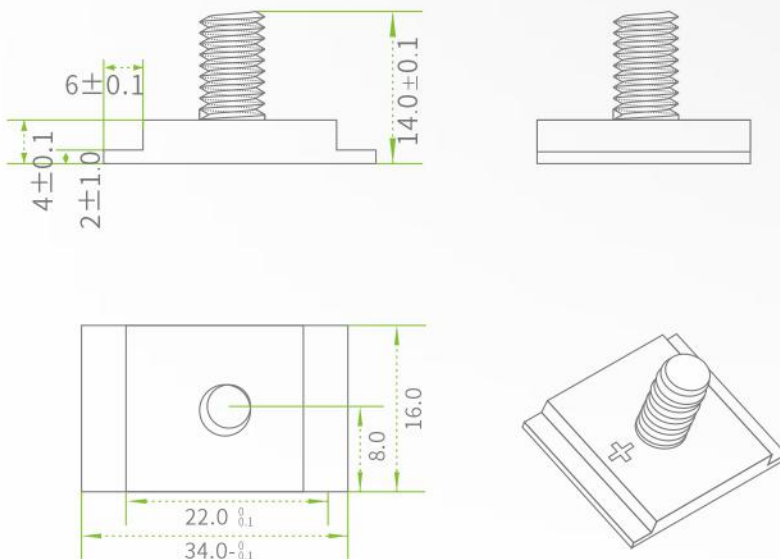


ITEM	SPECIFICATIONS	NOTE
Rated Capacity	40Ah	@1C
Nominal Voltage	3.2V	
Actual Voltage Range	2.5-3.65V	
Constant Discharge Current	≤240A	6C
Peak Discharge Current	≤400A	@30s
Constant Charge Current	≤240A	6C
Peak Charge Current	≤400A	@30s
Operating Temperature	Charge: 0°C~55°C Discharge: -20°C~60°C	
Storage Temperature	- 20°C~55°C	
Cell Dimensions	Thickness:27.50±0.5mm Length:148.00±0.3mm Height: 129.40±0.5mm	
Cathode Material	LFP	
Weight	1.06±0.20kg	
Energy density	120Wh/kg	
Cycle life	≥5000 times	@0.5C/1C,100%DOD
Terminal	Welding/Nut Terminals	

DRAWING



NUT TERMINAL



ADVANTAGE

- Conform VDA dimension standard.
- Support 6C constant charge and discharge rate.
- 5000times outstanding cycle life with maximum reliability.
- The holistic safety concept of cell.
- Uninterrupted supply guaranteed by the stable production.



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