



**YOUR PROFESSIONAL
LITHIUM BATTERY
SOLUTION PROVIDER**



**Lithium
Storage**

LFP50AH

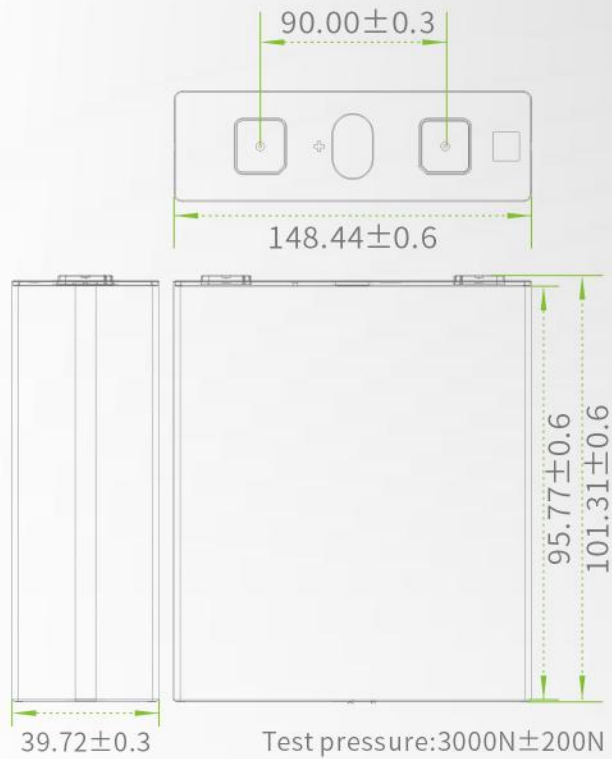


LITHIUM STORAGE can offer different terminal solution for cells with welding terminals, including screw terminals and nut terminals. These solutions have passed the multiple inspection testing items such as drawing force, shear force and torque testing etcetera and have been applied in the various electric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

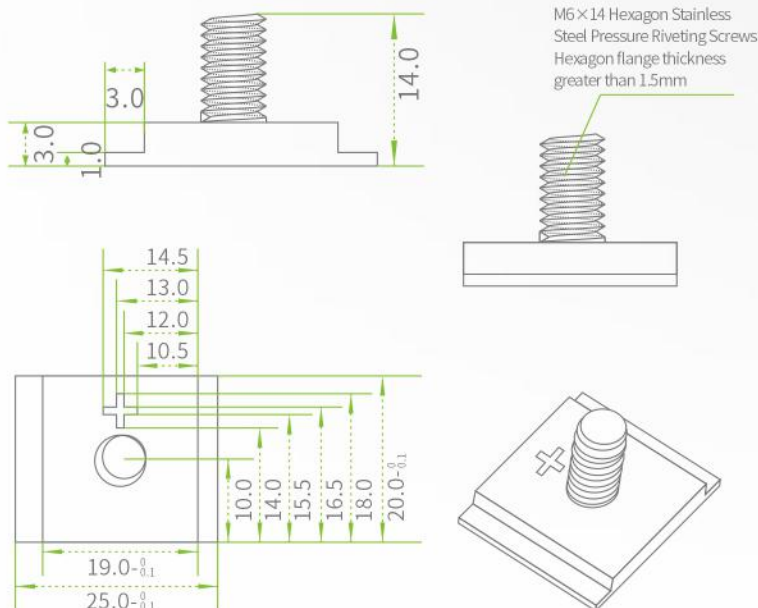


ITEM	SPECIFICATIONS	NOTE
Rated Capacity	50Ah	@1C
Nominal Voltage	3.2V	
Actual Voltage Range	2.5-3.65V	
Constant Discharge Current	≤50A	Typical Value=25A
Peak Discharge Current	≤150A	@30s
Constant Charge Current	≤50A	Typical Value=25A
Peak Charge Current	≤100A	@10s
Operating Temperature	Charge: 0°C~55°C Discharge: -20°C~55°C	
Storage Temperature	- 20°C~55°C	
Cell Dimensions	Thickness:39.72±0.3mm Length:148.44±0.6mm Height: 95.77±0.6mm	
Cathode Material	LFP	
Weight	1.18±0.05kg	
Energy density	140Wh/kg	
Cycle life	≥4000 times	@1C/1C,100%DOD
Terminal	Welding/Nut Terminals	

DRAWING



NUT TERMINAL



ADVANTAGE

- VDA dimension format and holistic safety concept of cell.
- Support 1C charge and discharge rate.
- 4000times outstanding cycle life with maximum reliability.
- Uninterrupted supply guaranteed by the stable production.
- Modular design for various applications and easy upgrade to next generations.
- Suitable for household energy storage system, UPS, mini vehicles, AGV etcetera.



- ✉ info@lslithiumbattery.com
- 🌐 www.lslithiumbattery.com
- 📍 Nanjing office | Wenzhou Factory | UK Branch
- 📞 +86-(0)25-87736807
- 📞 +86-(0)25-87739887