

# POWER BATTERY



Lithium Ion Battery Modules  
for Energy Storage & EV Power

[www.lishenpower.com](http://www.lishenpower.com)

ORIGO Batteries

**LISHEN**

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## Battery Cell & Module

LISHEN offers high-performance lithium-ion cells based around proprietary POLYMER, LFP, NMC chemistry available in cylindrical and prismatic formats. At LISHEN, all source raw materials are in accordance with international standards and practices, as well as some of LISHEN own standards to secure a supply chain free from corruption of people or planet.

### High safety

- The cells have passed UL, IEC and other international certifications.
- Cell safety tested
- Lithium iron phosphate (LFP) chemistry for maximum safety and longevity

### Strong environmental adaptability

- Can be discharged in -20°C~55°C environment

### Good storage performance

- 25°C storage for 28 days, capacity recovery rate ≥95%;

### Long warranty

### 100% process traceability

- Empowering each battery cell;

### 100% automated production

- High precision, high efficiency, to ensure the consistency of the battery cells

## Data Sheet

IC-UP48100C5.1



Item	Parameter
Nominal capacity	2.6KWh
Nominal Voltage	51.2V
Rated charge current	50A(DC)
Rated discharge current	50A(DC)
Charge protection voltage	57.6V
Operating voltage Range	46.4-57.6V
Cell Capacity	100Ah
Recharge time	Recharge 90% within 2H
Continuous discharge current	50A(DC)10S
Temperature protection	45°C
Overcharge and Overdischarge	LED Alarm
Short-circuit protection	LED Alarm
Communication interface	CAN and RS485
Outline Dimension	482mm×460mm×132mm
Weight(kg)	41Kg
Ingress Protection level	IP54

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