

# POWER BATTERY



Lithium Ion Battery  
Power Solution

for Light Truck, Van, Concrete Mixer etc.

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

ORIGO Batteries

**LISHEN**

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## Light Truck TBS<sup>+</sup>

The TBS + series power battery system is based on the standard Q-box, a standardized product specially developed for electric medium truck users. Use ultra-long life and safe lithium iron phosphate batteries to create more value for customers. The strong power of the lithium battery endows the vehicle with greater vitality, helps people realizing low-carbon life.

### Reliable

- Proven high reliability ORIGO Series lithium-ion technology
- limited warranty
- Fully integrated standardized battery box unit
- Natural cooling
- Lightweight design to increase the specific energy of the battery

### Smart

- Remote diagnosis
- Mobile app-based monitoring and control
- Continually monitors energy management and ensures reliable operation

### Flexible

- Based on a standard C-box and G-box, several system combinations can be formed
- It can form 2Q1, 2Q2, 2Q3, 2Q4 etc.
- Combinations of different voltages and capacities to meet different vehicle needs

### Safe

- Cells safety tested
- Lithium iron phosphate (LFP) chemistry for maximum safety and longevity
- Sophisticated alarm system
- Multi-level thermal runaway management
- effective fire suppression system
- Protection class IP67, no fear of wind and rain

### Value

- Short charging time improves operational efficiency.
- Long-life batteries will greatly reduce your total operating costs

## Data Sheet

### TBS + 80NT1909



MODEL NUMBER	TBS + 80NT1909
Number of Boxes	2 x Q1
Nominal Voltage (V)	537.6
Voltage Range (V)	470~588
Nominal Energy (Wh)	80640
Nominal Capacity (Ah)	150
Max charging current (A)	150
Weight (approximate) (Kg)	586
Q4 Link Method	1P84S
Q4 Nominal Voltage	268.8
Dimensions W/H/D (mm)	500 x 240 x 1730
Ambient operating temperature range	-20°C to 65°C (-4°F to 149°F)
Optimum operating temperature range	5°C to 30°C (41°F to 86°F)
Ambient operating temperature for charging	-10°C to 69°C (14°F to 149°F)
Heating	Yes
Cooling	Nature cooling
Enclosure rating	IP67
Smoke detection	Yes
Alarm	Yes
Fire extinguishing system	Yes
Remote Communication	Yes
Warranty	Battery modules come with a 5-year or 200,000-kilometer