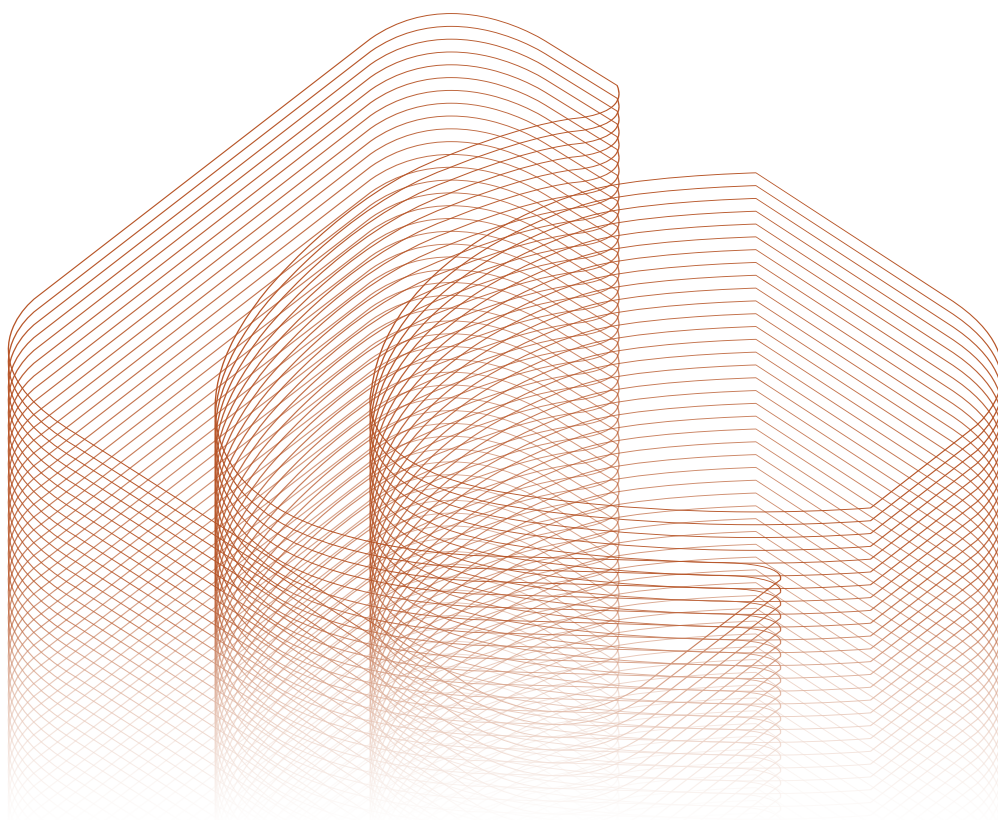




电动自行车用 锂离子蓄电池组

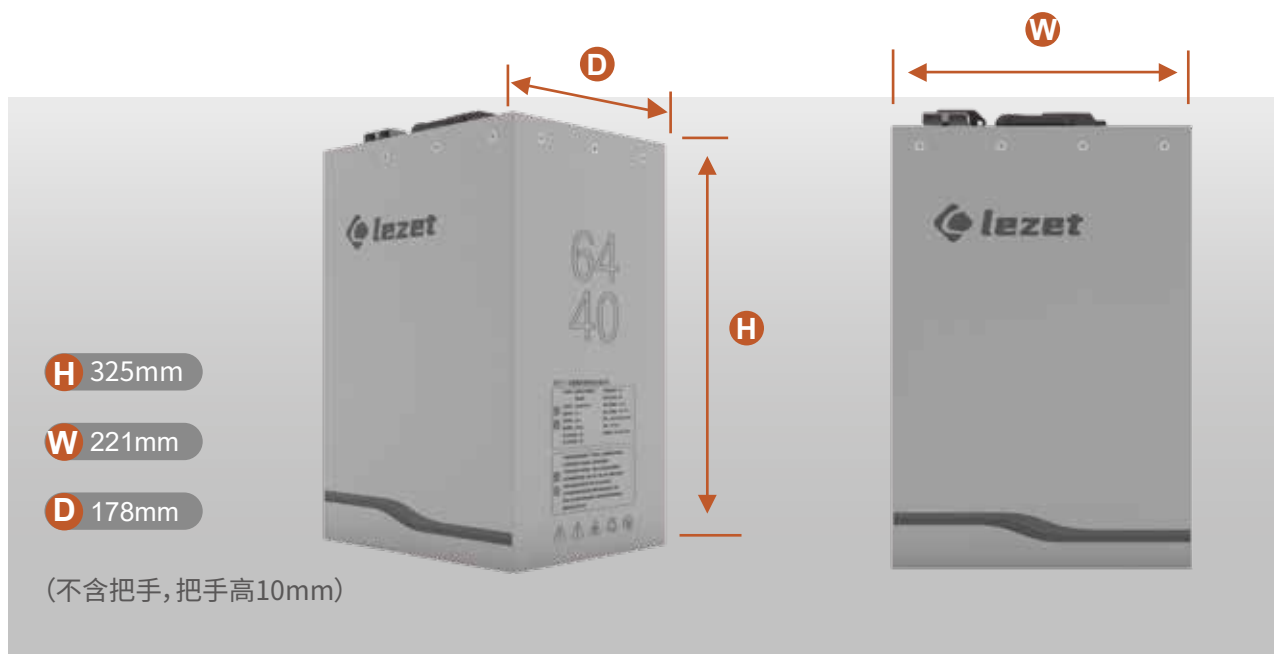
LITHIUM-ION BATTERY FOR
ELECTRIC BICYCLES

64V 40Ah



产品外观 >>>

Appearance



本产品为电动自行车专用动力型锂离子蓄电池, 严格遵循最新国家标准GB/T 36672-2018《电动自行车用锂离子蓄电池安全技术规范》。产品在电芯选型、结构设计、电气保护及安全防护等方面全面满足国标要求, 兼具高安全性、高能量密度、优异循环性能与高环境可靠性, 可为电动自行车提供稳定、持久、安全的动力输出。

This product is a power-type lithium-ion battery specifically designed for electric bicycles. It is meticulously developed, researched and manufactured in strict accordance with the latest national standard GB/T 36672-2018, "Safety Technical Specifications for Lithium-ion Batteries for Electric Bicycles". The product fully complies with the national standards in terms of cell selection, structural design, electrical protection and safety protection. It features high safety, high energy density, excellent cycle performance and high environmental reliability, providing stable, long-lasting and safe power output for electric bicycles.

产品特点 >>>

Product Features

1 国标安全认证/National Safety Certification

严格遵循国家标准GB/T36672-2018设计制造, 安全标准全面升级, 骑行更有保障。

It is strictly designed and manufactured in accordance with the national standard GB/T36672-2018, with a comprehensive upgrade in safety standards, providing greater security for riding.

2 专用动力性能/Specialized power performance

专为电动自行车定制的动力型锂电, 动力强劲、输出稳定, 起步与续航表现更出色。

The power lithium battery specially designed for electric bicycles features strong power, stable output, and outstanding performance in starting and long-distance travel.

3 多重安全防护/Multiple security protections

从电芯到电路全方位安全设计, 有效防范过充、过放、短路等隐患, 使用更放心。

From the battery cell to the circuit, the comprehensive safety design effectively prevents potential hazards such as overcharging, overdischarging, and short circuits, allowing you to use it with greater peace of mind.

4 长效稳定可靠/Long-lasting, stable and reliable

高性能电芯搭配成熟工艺, 循环寿命长、稳定性强, 持久耐用, 日常出行更省心。

High-performance battery cells combined with mature manufacturing processes offer long cycle life, strong stability, and durability, making daily travel more convenient.

5 宽温域适配/Wide temperature range adaptation

充电温度范围-10°C~50°C, 放电温度范围-20°C~55°C, 适应不同气候条件。

Charging temperature range: -10°C to 50°C; Discharging temperature range: -20°C to 55°C; Suitable for various climatic conditions.

规格参数 >>>

Specification

型号/Model

LVD64E2K5P2K5

基本信息/Basic Information

重量/Weight

20±0.5kg

电气参数/Electrical parameters

64V40Ah

尺寸/Dimensions

325mmx221mmx178mm

额定能量/Rated energy

2560Wh

标称电压/Rated voltage

64V

额定容量/Rated capacity

40Ah

充电限制电压/Charging limit voltage

73V

放电终止电压/Discharge termination voltage

50V

最大充电电流/Maximum charging current

40A

最大放电电流/Maximum discharge current

40A

充电工作温度/Charging working temperature

0°C~55°C

放电工作温度/Discharge operating temperature

-20°C~60°C

存储温度/Storage temperature

0°C~25°C

相对湿度/Relative humidity

5%~90%

安全使用年限/Safe service life

3~5年

循环寿命/Cycle life

0.5C4000次>80%
1C2500次>80%

应用场景 >>>

Application Scenarios

1 日常通勤代步

Short-distance delivery and logistics

适配家用电动车，满足上下班通勤、接送孩子、日常采购等出行需求。一次充电可支撑3-5天常规使用，续航扎实、轻便好拿、充电省心，让家庭日常出行更从容。

It is compatible with home electric vehicles, meeting the travel needs of commuting to and from work, picking up and dropping off children, and daily shopping. One charge can support 3 to 5 days of regular use. It has a reliable range, is lightweight and easy to carry, and is convenient to charge, making daily family travel more relaxed.



2 休闲旅游接驳

Leisure travel and outdoor activities



适配景区观光车、房车营地接驳车、度假村摆渡车。免维护设计，日晒雨淋无需频繁检修，晚上充电白天跑，运营成本低。

It is suitable for sightseeing vehicles in scenic spots, shuttle buses in RV campsites, and shuttle buses in resorts. With a maintenance-free design, it does not require frequent inspections even under sun exposure and rain. It can be charged at night and run during the day, with low operating costs.

3 短途配送物流

Agricultural and wholesale transportation

适配外卖车、快递三轮车、社区配送车。高频启停、载重变化大，支持快充补电，循环寿命保守2500次，可用5年以上。

Adapted for food delivery vehicles, express delivery tricycles, and community delivery vehicles. Frequent start-stop, large load changes, supports fast charging and battery replenishment, conservative cycle life of 2,500 times, can be used for more than 5 years.

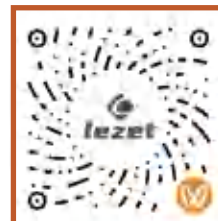




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安徽勒泽特科技有限公司

 地址：合肥市包河区智能网联汽车产业园
A1栋一楼整层智能制造中心
A2栋四楼整层研发中试中心
B2栋四楼整层运营管理中心

 电话：0551- 65589156

 邮箱：lezet@lezet.cn

 网址：www.lezet.cn

Anhui Lezet Technology Co., Ltd

Address: Intelligent Connected Vehicle Industrial Park, Baohe District, Hefei City

- Block A1 1F: Full-floor Intelligent Manufacturing Center
- Block A2 4F: Full-floor R&D Pilot Test Center
- Block B2 4F: Full-floor Operation & Management Center

Phone: 0551- 65589156

Email: lezet@lezet.cn