



百世利 蓄电池技术服务公司

BSL Battery Technology Service Company

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公司介绍

浙江百世利蓄电池技术服务有限公司（BSL）是一家专业从事蓄电池行业技术服务的高科技服务商，坐落于中国动力电池之乡浙江长兴。

公司成立的宗旨是传承、融合和创新蓄电池科学技术，为全球蓄电池企业提供最优质的技术服务。公司拥有一批铅酸蓄电池和锂电池技术的电化学资深专家、权威学者和经验丰富的企业主，并以雄厚的技术力量为国内外蓄电池企业进行了多项工厂设计、工艺设计、环保设计、设备设施选型、原辅材料零部件选型以及产品技术升级、人员培训等技术服务。公司坚持“诚信为本”的经营理念，以“客户满意”为目标，用专业、完善的服务精耕市场，赢得了广大客户的认可和赞誉。

“与科技同行，与智慧共进。”百世利正努力成为全球蓄电池行业最优秀的服务商。

Introduction

Zhejiang BaiShili battery technical service Co.,Ltd., is a professional battery teschnical service company in battery field which has more than 15 years' experience and located in China's power battery hometown --changxing county, Zhejiang Province.

The purpose of our company is to inherit, integrate and innovate battery science and technology, and provide the best technical service for battery enterprises around the world. The company has a group of lead-acid battery and lithium battery technology of electrochemical senior experts, authoritative scholars and experienced business owners, and strong technical force as the battery enterprises at home and abroad have done many plant design, process design, environmental design, equipment selection, selection of raw and auxiliary materials, components and products upgrade technology, personnel training and other technical services. The company adheres to the business philosophy of "integrity-based", takes "customer satisfaction" as the goal, and USES professional and perfect services to cultivate the market, winning the recognition and praise of the majority of customers. "Walk with technology and advance with wisdom" Baishili is trying to become the best service provider in the global battery industry.

企业愿景

成为全球蓄电池行业最优质的绿色新能源技术服务商。



一流的团队

各精英均来自国家级研究所，检测中心和国内大型企业天能，超威，理士，骆驼，风帆的高级工程师。



先进的技术

拥有全世界最先进的稀土合金，最完美的合膏配方，拥有各种不同的工艺技术来适用于不同规模的企业，能够解决各种不同种类电池的各种技术难题。



优质的服务

能够最快的发现贵公司存在的关于技术的问题并于第一时间提出相对应的解决方案，第一时间解决贵公司存在的问题并完善相对应的步骤，及时止损。

Enterprise Vision

Become the best green new energy technical service company in the global battery industry



We have the confidence to become the best battery technology service company in the world, because we have the best technology team in the world, our engineers are all from the national research center and the top 5 battery companies in China, like Tianneng, Chilwee, Leoch, Camel and Fengfan.



We have the most advanced technology in rare earth alloy and perfect formula for mixed medal, we have all kinds of technologies for different companies, no matter how many batteries you produce a day and what battery you manufacture, we can help you to fix the problem as soon as possible.



As an efficient company, we can give our client the solution at the first time. We are always ready to help our client to fix their problem at the first time.

科研技术团队

Strong Technical Support Expert



Yi Xiaobo 伊晓波

Secretary of China Electrical Equipment Industry Association—Lead-acid Battery branch



Zhao Wenchao 赵文超

Deputy director of standardization committee of national lead-acid battery & Member of the professional working group on standard lead-acid batteries & Senior Technical Consultant of BaiShili.



Sun Yanxian 孙延先

Mr Sun is the former president of Chinese physical and chemical power association and standard committee member of Zhejiang new energy automobile industry alliance expert committee.



Yang Xinming 杨新明

G.M. of Tianneng Group—Jieshou Base



Chen Zhiping 陈志平

Chief Engineer of Leoch International
Graduated from Harbin Institute of Technology

科研技术团队

Strong Technical Support Expert



Bao Youfu 包有富

Deputy Director of QC Department in Chilwee Group. Graduated from zhejiang university, majoring in electrochemistry, master's degree. He has more than 20 battery technology patents, and has published nearly 10 professional articles in battery magazine.



Wu Jianguo 吴建国

Senior Consultant & Power Battery Expert of Livguard



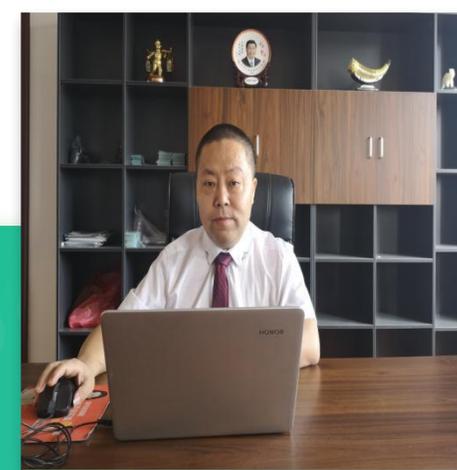
Ying Binqi 应彬其

A senior engineer who has worked more than 20 years in battery field, has the working experience in some well-known enterprises such as Tianneng, Chilwee, Jingjiu. An expert in battery manufacture equipment, technology optimization.



Xieshuang 谢爽

Director of Research Institute & Senior Engineer of Chilwee Group



Yang Xiaolina 杨小林

As the chief engineer of the Dynavolt battery and starlight battery in Indian and the senior consultant of the Robot, Walton and Navana battery in Bangladesh, and Azar battery in Iran. Now he is our chief engineer in India.

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案例及技术展示

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技术服务产品种类

Technical service-product category



动力电池

目前最先进的生产技术：极板板栅为连铸连轧、涂板为连续涂板和叠片固化，而组装为全自动COS 铸助、全自动机械手、龙门架铸焊技术；充电为全数据采集分析配组。

常规的生产为重力铸板、普通单机铸焊。

不同的工艺适合不同规模的生产企业。

生产以外的核心技术：稀土合金板栅、铅炭、重量轻量化等。

Power Battery :

The most advanced production technology at present: plate grid for continuous casting and rolling, plate pasting for continuous coating and laminated curing, and assembling process is all automatic COS casting aid, automatic manipulator, gantry casting and welding technology; Charging is full data collection and analysis for battery distribution.

Conventional production is gravity casting plate, ordinary single - machine casting welding. Different technologies are suitable for different scale production enterprises.

The other core technologies except the production : rare earth alloy grid, lead carbon, light weight, and so on.

技术服务产品种类

Technical service-product category

启动型电池

目前最先进的生产技术：极板板栅为连铸连轧、涂板为连续涂板和叠片固化，而组装为全自动COS 铸焊、四工位焊接全自动生产线充电为全数据采集分析配组。

常规的生产为重力铸板、手工烧焊作业方式。

此类电池包含汽车和摩托车启动电池。



Starting Battery

The most advanced production technology: plate grid for continuous casting and rolling, plate pasting for continuous coating and laminated curing, and assembling process is all automatic COS casting aid, automatic manipulator, gantry casting and welding technology; Charging is full data collection and analysis for battery distribution.

Conventional production is gravity casting plate, ordinary single-machine casting welding.

This type includes automobile and motorcycle batteries.

技术服务产品种类

Technical service-product category



牵引用铅酸蓄电池

目前采用重力浇极板栅，正板采用挤膏或振粉二种工艺技术，同样充电工艺有外冷却和内循环二种工艺。

Lead-acid battery for traction

Using the gravity casting plate at present, the positive plate has two different technical skills: squeeze out the Lead paste and shake the powder into the tube. As well, charging technology has two different types skills :External cooling and recycle inside.

Technical service-product category

技术服务产品种类



- 磷酸铁锂电池
- Lithium iron phosphate battery

我们公司会根据用户要求，生产组装锂电池（以磷酸铁锂电池为主），该锂电池适用于动力，储能使用场景。现多采用半自动，全自动的生产工艺。

- Our company will produce and assemble lithium batteries (mainly lithium iron phosphate batteries) according to customer requirements. Lithium iron phosphate battery is used for power and energy storage scenarios. Now use semi-automatic, automatic production process.

技术服务产品种类

Technical service-product category

储能电池

1. 极强的环境适应能力，（-30 °C ~50 °C 适用）；
2. 将EV铅蓄电池循环长寿命技术加以应用，放电深度30% 2000次 循环；
3. 实地测试，性能稳定可靠；
4. 充电接受能力强，同等光照条件下，比其它充电接受能力提升 20%；



Energy storage Battery

1. Strong environmental adaptability, (Apply to -30 degrees to 50 degrees)
2. The long cycle life technology of EV lead battery was applied, and the discharge depth was 30%, and can make 2000 cycles.
3. Field test, and performance is reliable.
4. Strong charging acceptability, 20% higher than other charging acceptability under the same lighting condition.

技术服务产品种类

Technical service-product category



UPS铅酸蓄电池

UPS 蓄电池具有免维护，使用寿命长，在使用寿命前无有害气体析出，安全环保的特点。

UPS battery

UPS battery Using the latest technology and a number of international patent technology, so that it has sealed maintenance free, small internal resistance, low self-discharge rate, high specific energy, long service life and other characteristics, to ensure that in the process of use more safe, and no harmful gas precipitation before service life.

技术服务范围

Scope of Technology service

厂房规划设计

Plant planning and design

设备的选型推荐

The choice and recommend of equipment

提供工艺文件

Provide technical skill document

提供、完善的过程检验文件

Provide and improve relevant check document of manufacture processing

提供、完善的成品检验文件

provide and improve relevant check document of finished product

生产成本管控

Control of cost of the product

培训委托方的员工

Training employees of the client

相关配套辅料的推荐

The recommend of relevant raw material

产品委托检测[国家级检测中心]

Entrusted testing of products (National testing center)

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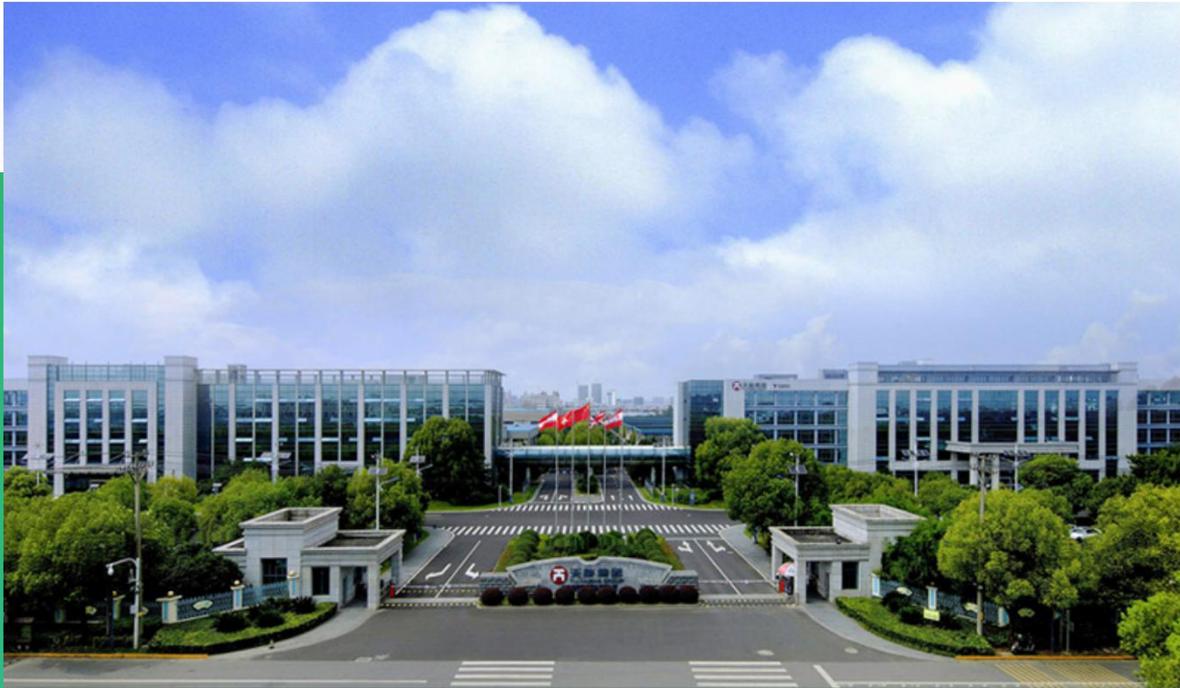
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案例及技术展示

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典型案例 Examples



The picture below is our client —Tianneng battery, which is one of the most advanced battery enterprise of the world. They were planning to build a new battery plant in Zhejiang Changxing because of supply increasing. They have no idea how to do, and they came to us. Mr. Ying who is senior engineer of our technology team led his group to design plan, choose equipment and organize production to succussfully finish the project. The production and operation of the plant are exceed their expectation.

典型案例

Examples

KIJO battery Group has strong comprehensive strength in battery industry. It has plant base in Bangladesh and Jiujiang, Xinyu and Nanchang in China. Plants in Jiujiang and Bangladesh was designed and organized by our senior engineer — Mr. Ying.



典型案例 Examples



The Nobel power is a young company in Chinese, with the high-tech and abundant funds that the Nobel have, the company grows up rapidly. The enterprise specializes in the production of electric vehicle power batteries, energy storage batteries, high power and large capacity industrial vehicle power batteries and other fields. We are committed to the global development of green energy and environmental protection.



典型案例 Examples

Xupai Battery is a high-tech enterprise that specialized in battery research and development, manufacturing, sales and service. Xupai is also the leader of Lithium battery in China. Tian Wei New Energy Technologies Ltd., in Bangladesh is the branch of Xupai, with the advanced technology of manufacturing the battery, Xupai has already become a famous brand in Bangladesh.

典型案例 Examples



Workshop Outline



VRLA Battery Workshop



Lithium Ion Battery Workshop



Waste Water Disposal Center



Lead Dust Purifying Equipment

Chilwee battery company, which is one of Chinese Top 500 Enterprises and has been ahead of battery industry, is also our client. One of their manufacturing base has problems that the consumption of raw material is excessive and the output is low than other companies. Our senior engineer—Mr. Zhao arrived their base and found problems quickly and made optimized scheme for production which improved the availability of raw material and production capacity.

典型案例 Examples



Tieying Battery is the newstar of the battery. Our company made the manufacturing line for them, and chose suitable equipment for them. With the help of our company, they took more market share than other enterprises nowadays.

国家动力及储能电池产
品质量监督检验中心

**Battery Quality Insepction
Center**



战略合作伙伴

Strategic cooperative partner

BSL battery Technology Service Company



天能电池
TIANNENG GROUP



百世利蓄电池技术服务公司
BSL Battery Technology Service Company

绿色环保全球战略
Green and Environment-friendly

合作伙伴

Global Strategy Partner

天能电池集团有限公司是一家全球新能源电池科技领先公司，浙江百世利蓄电池技术服务公司是面向全球的蓄电池技术服务公司，两家公司达成“绿色环保”战略合作伙伴关系，致力于全球蓄电池技术的开发和推广服务。
Tianneng battery group is a global leader in new energy battery technology, and Zhejiang BAISHILI Battery technical service company that provides service to the whole world. These two companies have reached a "green" strategic partnership and have been committed to the development and promotion of global battery technology.

Since 2019

特此声明
Hiermit bestatigt durch



天能电池集团有限公司
Tianneng Battery Group Co., Ltd.

浙江百世利蓄电池技术服务公司
BSL battery Technology Service Company

BSL battery Technology Service Company



铁鹰电池
TIEYING



百世利蓄电池技术服务公司
BSL Battery Technology Service Company

绿色环保全球战略
Green and Environment-friendly Global

合作伙伴

Strategy Partner

浙江长兴铁鹰电池有限公司，致力于动力电池的开发与生产，浙江百世利蓄电池技术服务有限公司与浙江长兴铁鹰电池有限公司达成“绿色环保”全球战略合作伙伴。
Zhejiang Tieying Battery Co., Ltd. committed to developing and manufacturing motivated battery, and Zhejiang Baishili Battery Technology Service Co., Ltd. and Zhejiang Tieying Battery Co., Ltd. become Green and "Environment-friendly" Global Strategy Partner.

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新诺力



百世利蓄电池技术服务公司
BSL Battery Technology Service Company

绿色环保全球战略
Green and Environment-friendly Global

合作伙伴

Strategy Partner

长兴诺力电源有限公司，致力于动力电池的开发与生产，浙江百世利蓄电池技术服务有限公司与长兴诺力电源有限公司达成“绿色环保”全球战略合作伙伴。
Zhejiang Nori Battery Co., Ltd. is committed to developing and manufacturing motivated battery, and Zhjiang Baishili Battery Technology Service Co., Ltd. and Zhejiang Nori Battery Co., Ltd. become Green and "Environment-friendly" Global Strategy Partner.

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旭派
XUPAIZHENYA



百世利蓄电池技术服务公司
BSL Battery Technology Service Company

绿色环保全球战略
Green and Environment-friendly Global

合作伙伴

Strategy Partner

浙江旭派电源有限公司，致力于动力电池的开发与生产，浙江百世利蓄电池技术服务有限公司与浙江长兴博能环保电源电器有限公司达成“绿色环保”全球战略合作伙伴。
Zhejiang XUPAI Battery Co., Ltd. is committed to developing and manufacturing motivated battery, and Zhejiang Baishili Battery Technology Service Co., Ltd. and Zhejiang XUPAI Battery Co., Ltd. become Green and "Environment-friendly" Global Strategy Partner.

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BSL battery Technology Service Company

战略合作伙伴

Strategic cooperative partner





百世利蓄电池技术服务公司

Thanks for listening

BSL Battery Technology Service Company