Furukawa Battery has acquired ISO9001 and ISO14001 certifications.

ISO9001 certification
JQA-1118
(THE FURUKAWA BATTERY CO., LTD.)

ISO14001 certification
JQA-EM038D
(Imachi & Imachi Planta)
Why do people rely on FB Battery?

We provide safe, easy-to-use energy.

Ever since its establishment in 1950, Furukawa Battery has consistently taken up the endless challenge of producing new forms of energy. The results of our work are crystallized in FB batteries that reliably meet the energy needs of customers in fields as diverse as information technology, transportation, industry, and environmental enterprises.

As energy requirements grow in complexity and scale, Furukawa Battery will continue to develop energy sources to meet the needs of society.

Energy & Communication

Aiming to make energy more robust and communication more reliable, Furukawa Battery will continue to rise to the challenge of delivering the world’s best technology, quality, and service.
The driving force of *FB* Battery.

What we deliver is high quality energy born of solid technology.

Over the years, we at Furukawa Battery have continuously provided reliable products to customers in a wide range of fields, as we have searched for better points of interaction for people and technology. To respond to increasingly sophisticated, diverse needs, we have applied our systems for basic research, applied development, and product development, and used our cutting-edge technical capabilities to deliver the high-quality energy needed to meet continuously evolving needs.
Battery’s capacity to contribute.

We generate various types of energy to benefit world society and contribute to their progress.

Furukawa Battery’s products are recognized and respected in Europe, the US, Asia, and many other parts of the world. We make significant contributions to the education, training, and technical development of engineers and technicians in other countries, as we actively pursue business development through avenues like joint ventures, technical assistance and the export of products and equipment. In Japan, we constantly work to provide higher levels of service by applying our vast network to quickly deliver the products our customers need.
The exceptional power of FB Battery.

We make energy that opens the door to progress and is friendly to the environment.

Our products respond to ongoing needs for lighter weight and higher capacity—that goes without saying. We at Furukawa Battery, however, are also making valuable contributions to the research and development of solar power generation systems, which would provide an endless source of energy, electric vehicles, and other systems and products.

As a general manufacturer of electric power sources, we combine cutting-edge technical capabilities with a wealth of knowledge in applying the exceptional power of FB Battery to pioneer new developments in the provision and use of electric power.
Battery provides the energy to reliably operate transportation systems.

As the development of transportation systems engenders demands for greater comfort and convenience in the movement of people and goods, the energy necessary to power transportation systems becomes more and more important. Furukawa Battery provides energy used in automobiles, trains, ships, and all other modes of transportation in helping to move society forward.

FB9000 Series
The batteries in Furukawa Battery's flagship FB9000 Series feature double-tiered construction.

FB7000 Series
Powerful calcium batteries developed for automobiles.

FB5000 Series
Standard batteries emphasizing simplicity and basic performance.

Festa EU Series
High-performance car batteries developed for European automobiles. Like car products for Japanese vehicles, Festa EU Series batteries produced under Furukawa Battery's exacting quality management, always put out fresh power.

FBSP Series
Durable and powerful hybrid batteries that can withstand the roughest of handling.

LYDEN Series
Cell batteries offering excellent economy and reliability for delivery vehicles and taxis.

Sealed MF Batteries
Maintenance-free batteries with a seal structure that negates the need to ever inspect fluid levels or add water.

Motorcycle Batteries
Lightweight motorcycle batteries offering excellent reliability, outstanding performance, and rock-solid safety.

EB-EBE Series
Cycle-service batteries for use in golf carts, unmanned delivery vehicles, and other applications with frequent charge/discharge cycles.

Marine Storage Battery
Marine storage batteries offering long service lives, economics, and easy maintenance and handling.

Alkaline Storage Batteries for Diesel Locomotives
Low-maintenance storage batteries with excellent low-temperature activation performance.

Storage Batteries for Trains
A wide range of easy-maintenance, high-performance, and extremely safe batteries for a wide range of needs and equipment types.
Battery provides the energy for protecting life in modern society.

Furukawa Battery provides highly reliable energy for minimizing damage from life-threatening accidents and disasters. We help to bring safety to daily life by delivering energy that responds to a wide array of needs in areas like communications and disaster prevention.

Nickel-Cadmium Batteries
Nickel-cadmium batteries that offer exceptional performance and economy, and are used in household electrical devices, office equipment, toys, and an endless variety of other applications.

Nickel-Metal Hydride Batteries
Nickel-metal hydride batteries that meet the demanding capacity, output, and durability requirements of electrical and electronic devices.

DC Power Supply Systems for Fire Extinguishing Systems
DC power supply systems that assist smoke detection systems and power the fire extinguishing systems that protect human life. Furukawa Battery contributes to the safety of cities in ways that normally go unnoticed.
Battery provides energy required by an advanced information society.

Computers and other information and telecommunication systems continue to advance at a dizzying pace. Furukawa Battery provides energy required by various sectors of advanced information societies, affording them safety and confidence.
Battery means energy to expand new technologies for the future.

We offer power supplies with track records of reliability for space exploration, aircraft power supply devices with solid performance, and new power supply systems combining clean, environmentally friendly solar energy and battery technology for future-oriented electric vehicles. Furukawa Battery is constantly using innovative concepts to expand new technologies for the future.
### Overview

**Corporate Name:** The Furukawa Battery Co., Ltd.

**Date of Establishment:** September 1, 1950

**Capital:** ¥1,640 million

**Business Activities:**
1. Manufacturing and sales of various types of storage batteries and electrical machinery, equipment, and devices.
2. Manufacturing and sales of accessories for products mentioned in 1. and industrial chemicals for battery-related applications.
3. Manufacturing and sales of molded plastic products.
4. Planning, execution, and subcontracting of electrical and telecommunications work, and installation of machinery, equipment, devices, etc.
5. Purchase and sale, rental/leasing, and management of real estate.
6. Investment in businesses relating to any one or more of 1. through 5. above or that are considered necessary for the operation of the Company.
7. Any and all business activities related to 1. through 6. above.

**Major Product Lines:**
- **Lead-Acid Storage Batteries:** For use in automobiles, motorcycles, electric vehicles, trains, aircraft, telecommunications switches, ships, stationery applications, emergency power supplies, solar power generation systems, parts, accessories, etc.
- **Alkaline Storage Batteries:** For use in fire alarms, emergency lighting, cordless electric appliances, satellites, stationery applications, emergency power supplies, PCs, aircraft, telecommunications equipment, trains, and solar power generation systems.
- **Rectifiers and Other Products:** For use in electric utility systems, telecommunications systems, emergency power supplies, computers, disaster prevention systems, instrumentation devices, storage battery charging systems, DC power supplies, other DC power supply applications, AC uninterruptible power supply (UPS) systems, inverters, converters, AC constant voltage devices, automatic charge control systems, automatic charge/discharge devices, emergency projector, automobile air conditioning systems, and solar chargers.

### History

- **1914**
  Established THE FURUKAWA ELECTRIC CO., LTD. in Amagasaki City, Hyogo Prefecture.

- **1937**
  Transferred the battery plant of THE FURUKAWA ELECTRIC CO., LTD. to Hodogaya-ku, Yokohama.

- **1950**
  Spun off the battery division of THE FURUKAWA ELECTRIC CO., LTD. as The Furukawa Battery Co., Ltd.

- **1992**
  THE FURUKAWA ELECTRIC CO., LTD. named a recipient of the Deming Prize in the second year after the establishment of that award.

- **1993**
  Developed a storage battery ready for immediate use without an initial charge.

- **1995**
  Perfecting an aircraft storage battery requiring advanced manufacturing technologies, and passed the Defense Agency's formal tests.

- **1997**
  Established a plastic molding plant and began producing various types of molded plastic products.

- **1999**
  Entered into a tie-up with HONDA DENKI CO., LTD., an alkaline battery manufacturer, and began sales of pouch-type alkaline storage batteries.

- **2001**
  Entred into a capital tie-up with HONDA DENKI CO., LTD.

- **2002**
  Constructed a sintered alkaline storage battery plant and began volume production of sintered alkaline storage batteries of both the bent and swastik types.

- **2006**
  Fulfilled requests from the University of Tokyo and the Science and Technology Agency to perform research on storage batteries for use in satellites.

- **2007**
  Developed a translator-equipped, DC automatically switching, contactless compact power supply.

- **2008**
  Developed an aluminum-air battery together with the Kanazawa University of Science.

- **2009**
  Succeeded in commercializing a heat-sealed automobile battery.
  Adopted FB as the Company's logo.

- **2070**
  Constructed an automobile storage battery plant in Nishiki City, Tochigi Prefecture.

- **1978**
  Constructed an automobile storage battery plant in Iwaki City, Fukushima Prefecture.

- **1995**
  Entred into an agreement to provide ABC Company of Pakistan with automobile storage battery production technology and facilities.
  Entred into an agreement to provide Standard Battery Company of India with technical assistance for the manufacturing of automobile storage batteries.

- **1996**
  Constructed a motorcycle storage battery and power supply plant in Harjala, Nikko City, Tochigi Prefecture.
  Constructed a development center and alkaline battery plant in Iwaki City, Fukushima Prefecture.

- **1997**
  Change the Company's logo to FB. Launched a system for shipping replacement automobile storage batteries directly to customers.
  Opened the Kusakari distribution center. Opened the Hamamatsu distribution center. Entred into an agreement to provide Siam Battery of Thailand with technical assistance for the manufacturing of automobile and motorcycle lead-acid storage batteries.

- **1999**
  Moved the head office to the Hoshikawa SF Building.
  Entered into an agreement to provide Parion company of Hungary with technical assistance related to automobile lead-acid storage batteries.

- **2002**
  Entred into an agreement to provide AMSA company of Mexico with technical assistance for the manufacturing of automobile lead-acid storage batteries. Established Siam FURUKAWA CO., LTD. through a merger with the Siam Cement Public Company Limited.

- **2003**
  Developed the world's first Lithium-ion battery for use in space and installed it in an engineering experiment satellite.
  Developed FUGAR, the world's first automobile battery equipped with a testing function.

- **2005**
  Entred into an agreement to provide the Tangtiao Railway Equipment Company of China with technical assistance for the manufacturing of alkaline storage batteries for trains.