

# Battery Suppliers & Manufacturers in USA & Worldwide (2022)



This article provides information on battery suppliers & manufacturers in USA & Worldwide (2022).

Liquip's website includes all the information you need about batteries, as well as information about this marketplace, among many other options. If you are a professional in the battery industry or a customer looking for a product, you can rest assured that Liquip will provide you with as much general and reliable information in this regard. It is recommended that you review a list of all **Batteries Manufacturers** that are available in Liquip.

We would be delighted to provide you with more information about how you can increase revenue within your industry through our marketing services. If you have any questions, please don't hesitate to get in touch with us! In order to gain a competitive edge by taking advantage of our **Solutions for Each Company Level**, Liquip will provide you with a variety of options so that you can enhance the performance of the organization. We will give you the tools to make sure that your business gets as many customers as possible to continue growing through various marketing and advertising packages.

How much do battery products cost on the market today? Would you like to know more? You can submit a request to multiple **Batteries Suppliers and Companies** and receive free quotes from each of them through Liquip's platform.

## Basics of Batteries

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Among the applications for batteries supplied by battery suppliers are small electronic devices, transportation, distribution, and transmission grid applications of electric utilities. Batteries generally fall into two categories: lithium-ion batteries and non-lithium ion batteries. I'd like to briefly describe the two types of batteries.

### Lithium Ion (Li-ion) Batteries

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The chemistry of Li-ion batteries is proprietary to their manufacturers. In general, lithium cobalt oxide is used as its chemistry, which has a high energy density but is dangerous if damaged; lithium iron phosphate can also be implemented; Meanwhile, others use lithium-ion manganese oxide or lithium nickel manganese cobalt oxide. Japan and China are the two countries with the most Li-ion battery manufacturers. Their products include Li-ion batteries for consumer use and industrial applications. Many of these companies supply lithium-ion batteries to car manufacturers for hybrids and electric vehicles. The following factors are driving Li-ion battery innovation:

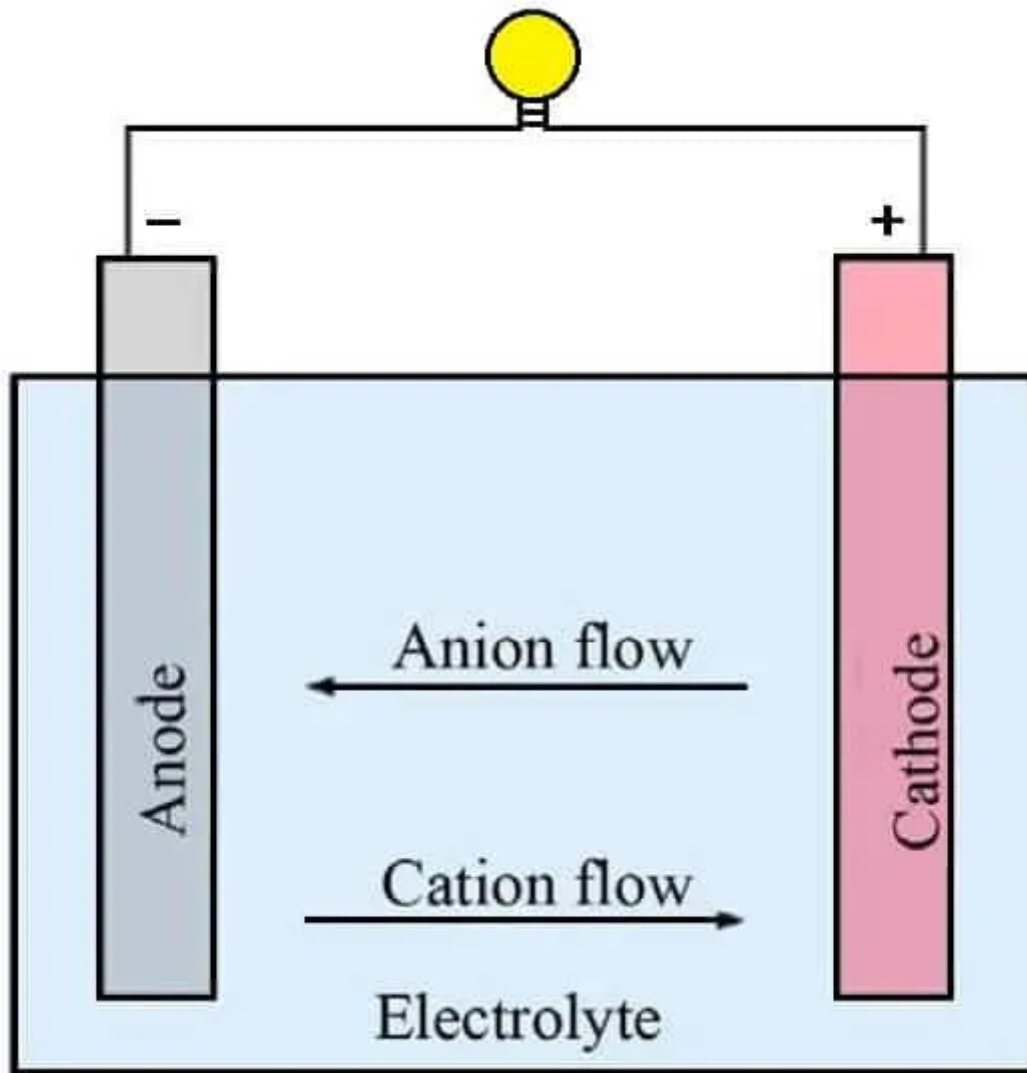
- Battery life
- Energy density
- Safety
- Cost reduction
- Charging speed.

Lithium-ion batteries are rechargeable and can be reused. Even though they were initially expensive, emerging technologies and their long lifespan have helped reduce their costs. Today, they're cost-effective as well as an excellent alternative to fossil fuels, which is a big step toward fighting climate change.

### Non-Li-ion Batteries

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By taking advantage of Li-ion's weaknesses, manufacturers of non-Li-ion technology hope to gain a competitive edge. There are both startups and big, well-established companies that provide non-Li-ion batteries. There are a variety of non-Li-ion batteries that can be found on the market, such as sodium sulfur batteries, flow batteries, lead-acid batteries, and zinc-based batteries.



Working of a battery (Reference: [theengineerspost.com](http://theengineerspost.com))

## Battery Market

As of 2026, the global battery market is expected to reach US\$173.7 billion, an increase of 10.3% over the previous estimate of US\$105.6 Billion in 2021.

As the analysis period progresses, the Lead Acid segment of the report is predicted to reach US\$46.1 Billion at a 6.4% CAGR. The growth in the Lithium Ion segment for the next seven years has been revised to 16.7% **CAGR** after a detailed analysis of the economic consequences of the pandemic and its effects. The global battery market is currently dominated by this segment, with a share of 29.3%.

Since battery service life determines demand growth, the battery industry relies on replacement sales. It is necessary to replace rechargeable secondary batteries after a certain period of time, even those that last a long time. Because of these factors, replacement sales drive market growth.

In recent years, product safety and environmental sustainability have also played an important role in influencing demand for batteries. A reflection of this is the increasing global movement to ban hazardous substances from batteries, such as mercury, cadmium, and lead.

Due to the growing knowledge of battery's harmful effects, some regions, such as Europe, have drafted directives that limit the use of hazardous components, such as cadmium. It is therefore not surprising that battery chemistries such as Nickel-cadmium (Ni-Cd) will witness lackluster growth in the future, particularly in developed markets where environmental concerns are becoming paramount concerns.

The secondary batteries segment currently dominates the consumer battery market. With the widespread use of smartphones and notebooks/laptops, lithium-ion rechargeable batteries will display the maximum growth potential in the secondary/rechargeable batteries market.

Meanwhile, while alkaline batteries remain a market leader in primary batteries, the fastest growth would be driven by emerging chemistries such as primary lithium, thus offering stiff competition to the existing chemistries.

A booming economy in emerging markets will propel the market forward in years to come, thanks to the rising incomes of consumers there. Battery manufacturers will continue to improve existing chemistries or use new chemistries to provide longer-lasting batteries in the future. A combination of this factor and the continued rise of power-hungry electronics promises to drive consumer batteries forward in the future.

Growth is being driven by rapid industrialization, growing demand for automobiles, and significant investments in the sector, particularly in countries like China and India. The Li-ion batteries market is expected to grow in Asia-Pacific due to the presence of some of the world's largest electronics companies. As Asia's developing economies demand more energy, renewable energy is growing in popularity in order to reduce greenhouse gas emissions.

Since China is a global hub for the manufacture of electric vehicles that use Li-ion batteries, it is a promising market. Li-ion batteries in the region are also benefited from China's leadership in electronic devices. Li-ion batteries are also expected to become a major market in India due to the country's goal of achieving 100% EV sales by 2030.

Consumer electronics demand, electric vehicle adoption, the growth of the renewable energy sector, and the decline in the cost of Li-ion batteries are expected to encourage battery market growth in North America. A sustained focus is being placed on battery-related innovations in the region, one of the world's leading consumers of advanced batteries.

As a result of favorable policies, electric vehicles are experiencing a growth spurt in the regional market. As a result of government policies, the production of electric vehicles is expected to increase dramatically, and customers will be more inclined to purchase them.

Increased production and uptake of electric vehicles will result in substantial growth in Europe over the next few years. EVs and portable electronics are driving the market for Li-ion batteries in Europe.

Renewable energy technologies are presenting growth opportunities for the energy storage market due to an increased focus on energy storage systems. With the increasing importance of clean energy technologies and the use of energy storage systems, the US Li-ion battery market will grow over the coming years. The country has high growth potential in this segment due to its active adoption of battery storage systems using Li-ion technology. Additionally, Li-ion batteries are expected to be in high demand due to the growth of the consumer electronics industry.

## American Battery Suppliers

The following is a list of general battery suppliers in the US. The companies are listed in descending order of their sizes. Additionally, the table includes information about their annual sales, foundation years, headquarters, and battery types. Sales volumes are presented in millions of US dollars.

<b>Company name</b>	<b>Headquarters</b>	<b>Battery type</b>	<b>Year founded</b>	<b>Number of employees</b>	<b>Annual sale</b>
EnergySys	Reading, PA	Li-ion	1999	9000	\$2500+
<u>Mouser Electronics</u>	Mansfield, TX	NiCd, NiMH, Lead Acid, Lithium, Alkaline	1964	3000+	\$250+
<u>Essentra Components</u>	Erie, PA	Alkaline	1956	1001-5000	--
<u>Power-Sonic Corporation</u>	San Diego, CA	Lead Acid, Li-Iron Phosphate, NiCd, NiMH	1970	1001-5000	\$50-99
<u>bisco industries</u>	Anaheim, CA	Lithium, Li-ion, Lead Acid	1973	450+	--
<u>Tripp Lite</u>	Chicago, IL	Lead Acid	1922	450	--
Green Rubber Kennedy AG	Salinas, CA	Alkaline	1990	201-500	--
<u>Associated Bag</u>	Milwaukee, WI	<\$1	201-500	1938	Alkaline
<u>F.W. Webb Company</u>	Bedford, MA	Lithium, Alkaline	1866	150	\$250+
<u>Romeo Power</u>	Vernon, CA	Li-ion	2014	51-200	>\$11

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## **EnergySys**

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EnergySys provides industrial storage systems and technologies. Outdoor equipment enclosures, battery chargers, and battery accessories are all manufactured and distributed by EnerSys to customers all over the world. Its products include batteries for motive power and reserve power, battery chargers, power equipment, and battery accessories.

## **Mouser Electronics**

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Among the company's specialties are electronic components and semiconductors. A wide range of batteries and battery products are available from Mouser Electronics, including coin cells, consumer batteries, photo batteries, electronic batteries, sealed lead acid batteries, NiCd batteries, and NiMH batteries, in addition to battery packs.

## **Essentra Components**

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The Essentra Components company manufactures and distributes plastic injection moulded components, vinyl dip moulded components, and metal components. Products offered by the company include specialty plastics, fibers, foams, and packaging. The Essentra Components company has been in business since 1956, offering AAA to 9-volt batteries in 8, 12, 18, and 24 pack sizes.

## **Power-Sonic Corporation**

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The Power-Sonic Corporation manufactures rechargeable batteries, including sealed lead acid batteries, lithium iron phosphate, power sport batteries, NiCd batteries, and NiMH batteries. The company also supplies chargers.

## **Bisco Industries**

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Founded in 1971, Bisco Industries offers electronic components, fasteners, and hardware. Many industries are served by Bisco industries.

## **Tripp Lite**

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With a history of reliable products, competitive pricing, and exceptional service, Tripp Lite is a global manufacturer of power and connectivity solutions. Since 1922, Tripp Lite has been manufacturing UPS battery replacements and battery packs, as well as power and connection products for IT products.

## **Green Rubber Kennedy AG**

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Manufacturing, mining, shipping, agricultural, food processing, baking, and manufacturing are just some of the industries in which Green Rubber-Kennedy AG provides products and services. Battery products from Green Rubber Kennedy AG include Streamlight flashlight batteries and Rayovac flashlight batteries. A wide variety of industrial supplies are also available, as well as custom fabrications.

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## **Associated Bag**

Associated Bag was founded in 1938 and offers a wide range of packaging, shipping, and workplace products along with excellent customer service. Most areas of the United States will receive their order within one or two business days. A variety of coppertop and alkaline batteries are available from Associated Bag, ranging from AAA to 9 volts. In addition to packaging and shipping products, the company offers workplace products as well.

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## **F.W. Webb**

The F.W. Webb Company was founded in 1866 and specializes in engineering and construction products. In addition to lithium and alkaline batteries, F.W. Webb offers plumbing, HVAC, gas equipment, valves and fittings, water systems, electrical, tool and hardware, pumps and circulation, and measurement products.

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## **Romeo Power Inc.**

As one of the leading lithium-ion battery manufacturers in the United States, Romeo Power Inc. designs and manufactures battery modules and electrification packs for vehicles in the consumer market, as well as provides engineering services, prototyping, and testing. In addition to being one of the top lithium-ion battery manufacturers in the US, the company is also leading the way for environmentally friendly alternatives to fossil fuels that are ravaging the environment.

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## **Scott's Emergency Lighting and Power Generation, Inc.**

Scott's Emergency Lighting and Power Generation, Inc. is located in Bensalem, Pennsylvania. The emergency lighting and power generation products offered by Scott's Emergency Lighting & Power Generation are of the highest quality. There are lead acid batteries, Ni-Cd batteries, pure lead batteries, and gel cell batteries available as well as accessories and chargers.

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## **Positive Battery**

Positive Battery provides batteries for automotive, phones, laptops, cameras, farm equipment, industrial equipment, marine RVs, small electronics, and small engines, as well as sealed lead acid batteries.

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## **Global Battery Suppliers**

The following table summarizes the largest global battery manufacturers ranked by their size. The table also shows the country of headquarters for each manufacturer, the year of their founding, and the revenue for companies that provided financial information.

<b>Company name</b>	<b>Headquarters</b>	<b>Year founded</b>	<b>Number of employees</b>	<b>Annual sale</b>
<u>BYD</u>	China	1995	229000+	\$15.5 billion
CATL	China	2011	33000+	\$2.8 billion
LG Chem Ltd.	Korea	1947	20000	\$23.1 billion
Guoxuan High-Tech	China	1995	11000+	\$718 million
<u>Samsung SDI</u>	Korea	1970	9000+	\$5.7 billion
<u>Solar edge</u>	Israel	2006	3900	\$1.96 billion
CALB	China	2009	1700	--
<u>Panasonic Battery</u>	Japan	--	201-500	--
<u>Sonnen</u>	Germany	2010	300	--
AESC	Japan	2007	--	--

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## **BYD**

As a high-tech enterprise, BYD strives to satisfy people's yearning for a better life through technological innovation. In February 1995, BYD was founded. Over the past 20 years, BYD has developed more than 30 industrial parks across six continents, realizing its strategic layout. In its various business segments, BYD plays a pivotal role in the fields of electronics, automobiles, new energy, and rail transportation. The company builds a comprehensive solution for zero-emission new energy, ranging from energy acquisition, storage to application.

## **CATL**

A world-class leader in the development, production, and sale of new energy vehicle power batteries, Contemporary Amperex Technology Co., Limited (CATL) offers new energy solutions and services around the globe. Founded in 2011, the company specializes



in and focuses primarily on EVs. Among its customers are BMW, VW, and Daimler.

## **LG Chem**

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LG Chem developed the first lithium-ion battery in Korea in 1999. Due to technological advancements and product development, its sales volume in the battery market has increased since then. Batteries from the company are typically found in electronic devices, electric bicycles, motorcycles, and household products.

## **Guoxuan High-Tech**

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As a manufacturer and seller of power lithium batteries, Guoxuan High-tech specializes in research and development, manufacturing, and sales. Power lithium and lithium-ion batteries, as well as monolithic lithium-ion batteries and cell cathode materials, are among the equipment it produces for transmission and distribution. Many applications are available for its products, including energy vehicles, storage power stations, mobile power, and communication base stations.

## **Samsung SDI**

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Its wide range of uses and products sets Samsung SDI apart from its competitors. It manufactures EV batteries and other electronic materials. As the manufacturer of IT devices, appliances, Energy Storage Systems (ESS), and electric vehicles, Samsung SDI belongs on this list for its variety of useful products.

## **Solar edge**

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In addition to solar inverters, SolarEdge sells energy generation monitoring software, battery energy storage products, as well as other products related to solar energy to residential, commercial, and industrial customers.

## **CALB**

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A state-owned enterprise, CALB (China Aviation Lithium Battery Co., Ltd) designs and manufactures lithium-ion batteries and power systems with applications in electric vehicles, renewable energy storage, telecommunications equipment, mining machines, and rail transport. The lithium-ion batteries manufactured by CALB have a high capacity, an excellent cycle life, a high energy density, good safety characteristics, and excellent low-temperature characteristics.

## **Panasonic**

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Panasonic is the world's leading supplier of EV batteries. Together with Tesla, it manufactures batteries ranging in size from 75 to 100 kWh. A 35 GWh Gigafactory was opened in Nevada, USA, by Tesla and Panasonic in 2018.

## **Sonnen GmbH**

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Wildpoldsried, Oberallgäu, Germany, is the headquarters of Sonnen GmbH, an energy company. For residential and small business use, it produces energy storage systems. Germany and more international markets are considered to be the company's strongest markets. Furthermore, it is the center of a renewable energy-powered community.

## **AESC**

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Token, Nissan, and NEC formed Automotive Energy Supply Corporation in 2007 to develop lithium-ion batteries.