

# Solar Battery Market Forecast 2025: Trends Driving the Future of Renewable Energy

*Solar Battery Market Share (CAGR of 15.5%) | Europe Rapidly Growing by UK, Ireland, Norway, Denmark, Netherlands, Sweden, Belgium, Germany, Romania, Greece*

WILMINGTON, DE, UNITED STATES,  
January 16, 2025 /EINPresswire.com/ --

According to a new report published by Allied Market Research, The global [solar battery market](#) size was valued at \$113.4 million in 2019, and is projected to reach \$360.4 million by 2027, growing at a CAGR of 15.5% from 2020 to 2027.



A solar battery is an energy storage system designed to store electricity generated by solar panels for later use. Solar batteries are integral to renewable energy systems, providing backup power, improving energy independence, and maximizing the efficiency of solar installations by storing excess energy for use when sunlight isn't available.

“

Significant surge in demand for eco-friendly energy solutions and growing interest of industry players toward renewable energy storage solutions are the key factors boosting the market growth.”

*Allied Market Research*

Download PDF Brochure:

<https://www.alliedmarketresearch.com/request-sample/11480>

Asia-Pacific accounted for the highest revenue share in 2019, owing to rise in concern from governments across

emerging nations, such as China, India, and South Korea, regarding renewable energy storage.

Some of the key players profiled in the [global solar battery industry](#) report include BYD Company, Kokam.Co, Carnegie Clean Energy, Primus Power, LG Chem, and EnerSys.

The global solar battery market is heading toward an expansion phase. This is attributed to a significant surge in demand from residential and commercial end-users.

Rise in concern from governments across emerging nations, such as China, India, and South Korea, regarding zero emission norms is expected to drive the market growth.

Growing demand for sustainable energy storage solutions is the major factor driving the solar battery market growth.

As governments across the globe are promoting sustainable energy sources, the demand for solar power battery is expected to increase over the projected timeframe.

The application of solar battery can effectively reduce the demand for coal, oil, and other imported fossil energy resources.

The Lead Acid battery segment is projected to grow at the highest CAGR of approximately 17.8%, in terms of revenue, during the forecast period.

Buy This Report (269 Pages PDF with Insights, Charts, Tables, and Figures):

<https://bit.ly/3SEDOeO>

The implementation of [solar battery storage systems](#) will provide new employments, which can open new investment opportunities in the economy.

By end-user, the industrial segment held more than 40% market share with a CAGR of 15.7%, in terms of revenue, during the forecast period.

Solar battery is generally used to store solar power and discharge the power as per requirement. It is made of lithium ion or lead acid. It is rechargeable and can be generally used in solar cell systems to store excess energy.

Some of the major applications of solar battery include solar charging stations, storage for power plants, and storage system for off-grids.

COVID-19 scenario analysis

The global solar battery industry had immediate impact of COVID-19 due to social distancing norms and shortage of manpower. These led to delayed installations and cancellation of new projects.

The upstream and downstream channels have been affected due to restrictions on movement, which lead to increase in the amount of inventories.

Shifting trend toward remote working is considered a vital solution to improve the market conditions. Various automation companies utilize remote connectivity to ensure the access to field operators and service engineers who cannot be on site at this time.

Enquiry Before Buying: <https://www.alliedmarketresearch.com/purchase-enquiry/A11115>

The sharp decline in consumer expenditure highly affected the demand. Reduced expenditure of consumers during the lockdown highly impacted the solar battery market for solar products, including various solar storage systems.

Trending Reports in Energy and Power Industry:

U.S. Solar Battery Market

<https://www.alliedmarketresearch.com/us-solar-battery-market-A13108>

Solar Battery Market

<https://www.alliedmarketresearch.com/solar-battery-market-A11115>

Solar Energy Market

<https://www.alliedmarketresearch.com/solar-energy-market>

Solar Energy Storage Market

<https://www.alliedmarketresearch.com/solar-energy-storage-market-A17238>

Energy Storage System Market

<https://www.alliedmarketresearch.com/energy-storage-system-market-A280994>

Lithium-Ion Battery Recycling Market

<https://www.alliedmarketresearch.com/lithium-ion-battery-recycling-market-A11683>

Industrial Batteries Market

<https://www.alliedmarketresearch.com/industrial-batteries-market-A11837>

Lithium-Iron Phosphate Batteries Market

<https://www.alliedmarketresearch.com/lithium-iron-phosphate-batteries-market-A13057>

Cylindrical Li-ion Battery Market

<https://www.alliedmarketresearch.com/cylindrical-li-ion-battery-market-A155333>

Solid-State Lithium Battery Market

<https://www.alliedmarketresearch.com/solid-state-lithium-battery-market-A151389>

Vanadium Redox Flow Battery (VRB) Market

<https://www.alliedmarketresearch.com/vanadium-redox-flow-battery-vrb-market-A193313>

Lead-Acid Battery Market

<https://www.alliedmarketresearch.com/lead-acid-battery-market-A05962>

Lithium-ion Battery Market

<https://www.alliedmarketresearch.com/lithium-ion-battery-market>

Sodium Ion Battery Market

<https://www.alliedmarketresearch.com/sodium-ion-battery-market-A10597>

Battery Recycling Market

<https://www.alliedmarketresearch.com/battery-recycling-market>

Redox Flow Battery Market

<https://www.alliedmarketresearch.com/redox-flow-battery-market>

About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing

high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/777471337>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.