Electric Scooter Battery Market Insights: Sustainable Mobility Solutions

Electric Scooter Battery Market Worth USD 7.3 billion by 2030 | Asia-Pacific 21.7% CAGR by India, Australia, China, Japan, South Korea, Taiwan, Malaysia

WILMINGTON, DE, UNITED STATES, January 29, 2025 /EINPresswire.com/ --

According to a new report published by Allied Market Research, the global electric scooter battery market size was valued at $1.0 billion in 2020, and is projected to reach $7.3 billion by 2030, growing at a CAGR of 21.6% from 2021 to 2030.

An electric scooter battery is a power storage unit used to provide voltage (power) to the DC motor, controller, lights, and other scooter accessories. An electric scooter battery consists of one or more cells used to provide voltage (power) to different scooter accessories such as the DC motor, lights, and controller.

> “Increasing vehicle charging infrastructure in developed economies and increasing fuel prices are the driving factors.”
>
> *Allied Market Research*

Download Sample PDF: https://www.alliedmarketresearch.com/request-sample/A11636

Asia-Pacific electric scooter battery market is estimated to grow at a high CAGR of 21.7% during the forecast period.

The Asia-Pacific electric scooter battery market size is projected to witness growth at the highest CAGR during the forecast period and accounted for 97.2% electric scooter battery market share in 2020. The Indian government has launched several schemes to provide subsidies on the purchase of electric scooters. For instance, the faster adoption and manufacturing of electric vehicles in the India phase 2 (FAME 2) scheme provides subsidies on the purchase of electric scooters. This is anticipated to increase the sales of electric scooters which in turn may propel

the growth of the electric scooter battery market in the Asia-Pacific region.

Key players operating in the global electric scooter battery industry report include Contemporary Amperex Technology Co. Ltd., Dande Renewable Energy Pvt. Ltd., Hunan CTS Technology Co. Ltd., LG Energy Solution, Maxvolt Energy, Pastiche Energy Solutions, Pure EV, Samsung SDI Co. Ltd., SmartPropel Lithium Battery, and Xupai Battery Inc.

The dependency on lightweight electric vehicles is increasing rapidly owing to zero carbon emission, low operating and maintenance costs, and other factors.

Significant fiscal incentives spurred the uptake of light-duty electric vehicles; thus, scaled up the growth of electronic vehicles and battery industries. This has led both government and key manufacturing companies to invest in building charging infrastructure to provide efficient and advanced charging facilities to customers.

Enquiry Before Buying: https://www.alliedmarketresearch.com/purchase-enquiry/A11636

For instance, according to a report published by International Energy Agency (IEA), the governments of countries such as China, the U.S., Switzerland, and others, have provided support for electronic vehicle charging infrastructure through measures such as direct investment to install publicly accessible chargers or incentives for EV owners to install charging points at home. This is expected to lead the customers to become more linear toward using electric scooters, which in turn may boost the growth of the electric scooters battery market during the forecast period.

The rapid growth in the transportation sector uses a lot of fuel that increases pollution and global warming.

To promote the use of clean and energy-efficient vehicles lightweight lithium-ion (Li-ion) battery is used to provide voltage to the motor. It has high energy densities than other batteries and a smaller battery size makes it suitable for use in electric scooters.

It uses lightweight lithium for the electrode instead of heavier graphite that enhances the mileage of electric scooters by reducing their overall weight.

Rising completion among key manufacturers of electric scooters has made them more linear toward using the lightweight lithium-ion battery for providing affordable and last-mile transportation.

Get a Customized Research Report: https://www.alliedmarketresearch.com/request-for-customization/A11636

This is anticipated to increase the sales of lightweight lithium-ion electric scooter batteries; thus

creating remunerative opportunities for the market.

By capacity, the global electric scooter battery market is classified into 100–500 Wh, 500 – 1000 Wh, 1000 – 1500 Wh, 1500 – 2000 Wh, 2000 Wh & above.

The 1000-1500 Wh segment dominated the global market, in terms of revenue in 2020, with over one-third of the total share. The increasing sales of lightweight electric scooters where 1,000-1,500 Wh batteries are mostly used owing to their lightweight and high efficiency. This is anticipated to increase the sales of 1,000-1,500 Wh batteries; thus creating remunerative opportunities for the market.

The 1500-2000 Wh type is anticipated to register the highest CAGR of 24.8% during the forecast period.

By product type, the market is segregated into Lithium-ion (Li-ion), Lithium iron phosphate battery (LFP), Lithium Polymer (LiPo), Sealed Lead Acid Battery (SLA), and Nickel Metal Hydride Battery (NiMH).

The Lithium-ion (Li-ion) is estimated to display the highest growth rate, in terms of revenue, registering a CAGR of 23.5% from 2021 to 2030.

Buy This Report (230 Pages PDF with Insights, Charts, Tables, and Figures):
https://bit.ly/3MO7tAb

The Lithium-ion (Li-ion) segment dominated the global market, in terms of revenue in 2020, with over half of the total market share. They are capable of storing more energy and produce greater output as compared to other electric scooter batteries. This has made the key automobile manufacturers more linear towards using lightweight lithium-ion battery which in turn may propel the market growth.

Trending Reports in Energy and Power Industry:

Electric Scooter Battery Market

https://www.alliedmarketresearch.com/electric-scooter-batteries-market-A11636

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

Submarine Battery Market

https://www.alliedmarketresearch.com/submarine-battery-market-A42642

Forklift Battery Market

https://www.alliedmarketresearch.com/forklift-battery-market-A05964

Lithium-ion Battery Market

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

EV Battery Reuse Market

https://www.alliedmarketresearch.com/ev-battery-reuse-market-A31427

Golf Cart Battery Market

https://www.alliedmarketresearch.com/golf-cart-battery-market-A17045

Battery Recycling Market

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

U.S. Forklift Battery Market

https://www.alliedmarketresearch.com/us-forklift-battery-market-A07523

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
LinkedIn
YouTube