

Jump Starter Market worth \$539.47 million by 2030, growing at a CAGR of 4.04% - Exclusive Report by 360iResearch

The Global Jump Starter Market to grow from USD 392.94 million in 2022 to USD 539.47 million by 2030, at a CAGR of 4.04%.

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EINPresswire.com/ -- The "[Jump Starter Market](#) by Product (Jump-boxes, Plug-in-Units), Type (Lead-Acid, Lithium Ion), Application - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.

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A jump starter is a portable device that provides a powerful jolt of electricity to recharge a dead battery in automotive vehicles such as cars, motorcycles, and more. Built with powerful storms and designed for convenience, jump starters are essential tools for vehicle owners as they can help resolve common battery-related issues that may leave drivers stranded. The growing need for roadside assistance services also fuels the adoption of jump starters as a reliable solution for battery-related problems. Technological advancements in battery technology have led to more efficient and compact jump starter designs with extended life spans that attract consumers seeking portable energy sources. However, competition from alternative power sources, such as solar chargers or power banks, offer similar functionalities but without any dependency on vehicle batteries. Safety concerns associated with lithium-ion batteries due to instances of fire hazards or explosions that can occur if mishandled or subjected to extreme temperatures also



impede product utilization. Companies are focusing on research and developing advanced battery technologies that offer enhanced safety, durability, and efficiency. Market players are also including smart features in jump starter products that include wireless connectivity, mobile app control or monitoring systems, predictive maintenance analytics, and compatibility with IoT devices.

Type: Benefits associated with lightweight and compact structure of lithium-ion jump starters
Lead-acid jump starters have been the traditional choice for years, primarily due to their affordability and widespread availability. They use lead plates submerged in an electrolyte solution (sulfuric acid) to store electrical energy. These devices offer a reliable method of providing instant power to a dead battery and are suitable for various vehicle types, including cars, motorcycles, boats, and RVs. Lithium-ion jump starters have gained popularity in recent years due to their compact design and lightweight nature. They utilize lithium-ion battery cells, which have a higher energy density compared to lead-acid batteries. This technology allows them to deliver powerful performance in a small package while offering longer battery life.

Product: Use of jump boxes for immediate assistance during emergencies

Jump-boxes are compact and portable battery packs that deliver an instant boost of power to a vehicle's battery when it has been drained or weakened. They are equipped with jumper cables and built-in batteries that typically have a high peak current rating, allowing them to jump-start even large vehicles with powerful engines. Jump boxes are ideal for individuals who require an on-the-go solution for jump-starting their vehicles during emergencies or unexpected situations. Plug-in units, also known as battery chargers or maintainers, connect directly to a vehicle's battery through AC power outlets or extension cords. These devices monitor the battery status and provide a continuous trickle charge to keep it from losing charge over time. Plug-in units cater to users who need a device to maintain their vehicle's battery health, especially during periods of prolonged disuse or storage.

Application: Advancements in high-performance jump starters for heavy commercial vehicles
Heavy commercial vehicles (HCVs), including trucks, buses, and tractor-trailers, require powerful jump starters due to their large engines and high current requirements. Heavy-duty jump starters with a higher peak current rating are preferred in this segment. Light commercial vehicles (LCVs) such as vans and pickup trucks have smaller engines than HCVs but still require reliable power sources to prevent downtime in case of battery failure. For passenger cars such as sedans, hatchbacks, and SUVs, compact and lightweight jump starters with a peak current rating of at least 600A are preferred. Recent innovations in jump starter technology have also led to multi-functional devices that combine auxiliary power sources with advanced safety features for enhanced usability across all vehicle segments.

Regional Insights:

The automotive market in the Americas is marked by a strong presence of established automakers and a large consumer base owning vehicles. With increasing awareness about vehicle maintenance among consumers in this region, there has been an upsurge in demand for

jump starters. The U.S. has also seen a growth in electric vehicle sales that contributed to increased adoption of portable lithium-ion battery-powered jump starters. Asia's expansive automobile industry offers a colossal opportunity for automotive accessory manufacturers. China, India, and Japan lead both the production and consumption of jump starters largely due to their massive population and high vehicle density. European countries are known for their focus on sustainability and environmental preservation, which has led them to adopt greener alternatives such as electric vehicles (EVs). This shift has resulted in increased demand for jump starters, specifically equipped with lithium-ion battery technology. Europe's emphasis on stringent quality standards has led to the production of premium-quality jump starters that cater to both conventional and electric vehicles.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Jump Starter Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Jump Starter Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Jump Starter Market, highlighting leading vendors and their innovative profiles. These include AGA Technology Co., Ltd., AGCO Corporation, Antigravity Batteries LLC, AstroAI Limited, Boltpower Energy Co., Ltd, Clore Automotive, LLC, CNH Industrial N.V., Coburg Equipments Pvt. Ltd., Deere & Company, GooLoo, Guang Zhou Sunland New Energy Technology Co., Ltd., Hangzhou Weiwo Technology Co., Ltd., HELVI S.P.A., Hummer Jump Starter, Komatsu Ltd., Marshall Green Power, Newsmy Technology Co., Ltd., Ningbo Geostar PhotoElectric Technology Co., Ltd., Powervamp Ltd., Schumacher Electric Corporation, Scosche Industries, Shenzhen CAR KU Technology Co., Ltd., Shenzhen Veestb Technology Co., Ltd., Stanley Black & Decker, Inc., The NOCO Company, and Wagan Corporation.

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Market Segmentation & Coverage:

This research report categorizes the Jump Starter Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Product, market is studied across Jump-boxes and Plug-in-Units. The Plug-in-Units is projected to witness significant market share during forecast period.

Based on Type, market is studied across Lead-Acid and Lithium Ion. The Lead-Acid is projected to witness significant market share during forecast period.

Based on Application, market is studied across Heavy Commercial Vehicle, Light Commercial Vehicle, and Passenger Cars. The Light Commercial Vehicle is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Americas commanded largest market share of 38.65% in 2022, followed by Asia-Pacific.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Jump Starter Market, by Product
7. Jump Starter Market, by Type
8. Jump Starter Market, by Application
9. Americas Jump Starter Market
10. Asia-Pacific Jump Starter Market
11. Europe, Middle East & Africa Jump Starter Market
12. Competitive Landscape
13. Competitive Portfolio
14. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Jump Starter Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Jump Starter Market?
3. What is the competitive strategic window for opportunities in the Jump Starter Market?
4. What are the technology trends and regulatory frameworks in the Jump Starter Market?
5. What is the market share of the leading vendors in the Jump Starter Market?
6. What modes and strategic moves are considered suitable for entering the Jump Starter Market?

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Mr. Ketan Rohom
360iResearch
+ 1 530-264-8485
ketan@360iresearch.com

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