Middle East And Africa Electric Vehicle Battery Manufacturing Equipment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 110 pages | Mordor Intelligence

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Report description:

The Middle East And Africa Electric Vehicle Battery Manufacturing Equipment Market size is estimated at USD 3.49 million in 2025, and is expected to reach USD 7.83 million by 2030, at a CAGR of 17.53% during the forecast period (2025-2030).

Key Highlights
- Over the medium term, rising government policies and investments towards battery manufacturing and a decline in the cost of battery raw materials are expected to drive the demand for electric vehicle battery manufacturing equipment during the forecast period.
- On the other hand, the shortage of technological know-how in developing economies can significantly restrain the growth of the electric vehicle battery manufacturing equipment market.
- Nevertheless, the long-term ambitious targets for electric vehicles like scaling up production capacity, enhancing technological advancements, and reducing costs are expected to create significant opportunities for electric vehicle battery manufacturing equipment market players in the near future.
- United Arab Emirates (UAE) is anticipated to witness significant growth in the Middle East and Africa electric vehicle battery manufacturing equipment market due to the rising adoption of EVs across the region.

Middle East And Africa Electric Vehicle Battery Manufacturing Equipment Market Trends

Lithium-ion Battery Segment to Hold Significant Share

- Regions like the Middle East and Africa are experiencing a transformation in their electric vehicle (EV) battery manufacturing landscape, driven by falling raw material costs. Key materials, including lithium, cobalt, nickel, and graphite, have seen price reductions. This decline is not only lowering overall production costs but also making EV batteries more affordable, thus fueling the expansion of the EV market.
- Lithium-ion (Li-ion) batteries have been pivotal in reshaping the electric vehicle (EV) landscape, spurring advancements in battery production. In recent years, global prices for lithium-ion batteries have dropped significantly, a trend set to persist. This price dip has been instrumental in enhancing the affordability and accessibility of electric vehicles for a wider consumer base.
- For instance, Bloomberg NEF highlighted a notable decrease in lithium-ion battery prices. In 2023, prices fell to USD 139/kWh, marking a 13% reduction. Forecasts indicate this downward trend will continue, with prices projected at USD 113/kWh by 2025 and a further drop to USD 80/kWh by 2030, driven by ongoing technological and manufacturing advancements.
- The Middle East and Africa are bolstering their supply chains for lithium-ion battery production, covering everything from sourcing and processing raw materials to manufacturing equipment. By setting up local production facilities, companies can benefit from lower production costs while catering to the region's growing demand.
- For instance, in December 2023, an agreement was inked involving the Federal Ministry of Power, the China Ministry of Ecology and Environment, and Nigeria's Federal Ministry of Power. This pact details the creation of a USD 150 million lithium-ion battery manufacturing facility in Nigeria, led by a Chinese firm. Such initiatives are poised to boost the demand for electric vehicle battery manufacturing equipment in the region during the forecast period.
- Moreover, in February 2024, Kezad Group and Titan Lithium, a UAE-based company, unveiled plans for a USD 1.4 billion lithium processing facility in Abu Dhabi, aiming to bolster the region's emerging electric vehicle (EV) sector. The duo has inked a 50-year land lease for the AED5 billion plant.
- These ventures are set to amplify lithium-ion battery production, subsequently driving up the demand for EV battery manufacturing equipment in the coming years.

United Arab Emirates (UAE) to Witness Significant Growth

- With its strategic location, robust infrastructure, and supportive government policies, the United Arab Emirates (UAE) is establishing a significant foothold in the electric vehicle (EV) battery manufacturing sector. As raw material costs decrease and the UAE deepens its commitment to clean energy and sustainable transportation, the industry for EV battery manufacturing equipment is experiencing notable growth.
- Additionally, rising electric vehicle (EV) sales in the UAE are driving up the demand for EV battery manufacturing equipment. As EV sales surge, so does the need for batteries, which in turn requires sophisticated manufacturing equipment for efficient and large-scale production. In recent years, the sale of EVs in the UAE has seen a pronounced uptick.
- For example, in 2023, the International Energy Agency (IEA) reported that 28,900 electric vehicles were sold, marking a 52.9% increase from 2022. Projections indicate a substantial rise in EV sales in the coming years, further amplifying the demand for battery manufacturing equipment in the region.
- Furthermore, the UAE government has introduced several initiatives, such as the Dubai Clean Energy Strategy 2050, to promote electric vehicles and sustainable energy. Through diverse policies and incentives, the government seeks to attract foreign investments into the clean energy and EV sectors. These efforts have fostered a flourishing environment for the growth of the EV battery manufacturing equipment industry in the region.
- For instance, in July 2023, the Ministry of Energy and Infrastructure (MoEI) announced a target for 2050: half of all vehicles on the nation's roads will be electric. This goal complements Dubai's ambition of having 42,000 electric vehicles on its roads by 2030. The MoEI's declaration highlights the nation's dedication to sustainable transportation and carbon emission reduction, fitting into a larger strategy against climate change and for environmental preservation. Such commitments are anticipated to boost EV production and elevate the demand for EV battery manufacturing equipment in the foreseeable future.
- Moreover, advancements in battery technology are not only enhancing the range and performance of electric vehicles (EVs) but

also increasing their attractiveness to consumers. For instance, in 2023, Ensurge Micropower and other firms began commercializing solid-state lithium micro-batteries. These advanced batteries, when compared to traditional ones, offer superior energy density, faster charging, and a longer cycle life. Such technological strides are set to escalate EV battery production and heighten the nationwide demand for battery manufacturing equipment in the upcoming years.
- Consequently, these initiatives and advancements are poised to bolster the demand for EV battery manufacturing equipment across the UAE in the near future.

Middle East And Africa Electric Vehicle Battery Manufacturing Equipment Industry Overview

The Middle East and Africa electric vehicle battery manufacturing equipment is moderately consolidated. Some key players (not in particular order) are Manz AG, Wirtz Manufacturing, Buhler AG, Sovema Group S.p.A, Hitachi Ltd., among others.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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