

## **Italy Electric Vehicle Battery Manufacturing Equipment - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 120 pages | Mordor Intelligence

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### **Report description:**

The Italy Electric Vehicle Battery Manufacturing Equipment Market size is estimated at USD 0.68 million in 2025, and is expected to reach USD 1.84 million by 2030, at a CAGR of 21.96% during the forecast period (2025-2030).

### **Key Highlights**

- Over the long term, the increasing adoption of electric vehicles and government policies with active investments in battery manufacturing are expected to drive the market.
- On the other hand, the shortage of companies manufacturing battery equipment significantly hinders the market's growth.
- Nevertheless, the increasing technological advancements in various technologies like higher capacity and low discharge rate is expected to make the manufacturing of battery equipment more feasible and efficient and create enormous opportunities for the battery manufacturing equipment market.

### **Italy Electric Vehicle Battery Manufacturing Equipment Market Trends**

#### **Lithium-Ion batteries Segment is expected to Dominate the Market**

- Over the years, Italy has emerged as one of the strongest economies in the World in research and innovation in lithium-ion batteries. both primary and secondary battery types, owing to factors such as increased electric vehicle deployment, increased spending on consumer electronics, and increased consumer and manufacturing activities.
- The growing environmental awareness about the depletion of natural resources, increased carbon emissions, and ongoing

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efforts by public and private sectors to reduce carbon emissions and reduce fuel consumption are factors contributing to the growth of the lithium-ion battery market

- Also, stringent government regulations for carbon emissions in Italy are expected to increase the adoption of electric vehicles along with the use of lithium-ion batteries in the country. Moreover, recently, Italtel, the manufacturer of electric vehicle batteries intended for electric vehicles announced Italy's first "Gigafactory", a state-of-the-art facility to satisfy rapidly growing demand for lithium-ion cells for electric vehicles, industrial equipment, grid battery storage and other applications. Scheduled to open in 2025, the site will cover more than 300,000 m<sup>2</sup>, is expected to employ around 3,000 people and have a production capacity of up to 45 GWh per year,
- In January 2024, the Government of Italy announced next generation U212 NFS submarines will feature advanced Lithium Ion (Li-ion) battery systems. The Lithium Battery System Tests results envisaged higher submarines' operational efficiency, simultaneously enhancing propulsion and endurance capabilities, reducing maintenance and granting highest levels of on-board safety.
- In addition, the declining cost of lithium-ion batteries are likely to support the segment. As of 2023, the cost of lithium-ion battery cost was around USD 139 per kWh, decreased from 780 per kWh in 2013.
- Owing to the above points, Lithium-ion battery segment is expected to dominate the market during the forecast period.

#### Increasing Adoption of Electric Vehicles is expected to Drive the Market

- Italy boasts a robust automotive industry, home to several prominent car manufacturers. This backdrop has fostered the growth of the Electric Vehicles market. Italian automakers are heavily investing in Electric Vehicle R&D, resulting in the creation of high-quality, tech-savvy models. Such advancements have bolstered consumer trust in Electric Vehicles, fueling market expansion.
- In 2023, Italy recorded electric vehicle sales reaching 136,000, with PHEVs accounting for nearly 70,000 of that figure. To further bolster Electric Vehicle adoption, Italy has rolled out a suite of policies and incentives, including tax breaks, subsidies, and grants. These initiatives have not only made Electric Vehicles more financially accessible but have also spurred their uptake. Consequently, the proportion of electric cars in Italy climbed from 0.39% in 2022 to 0.53% in 2023. The total count surged from 158,131 in 2022 to 219,540 by December 2023.
- Moreover, the government's ambitious greenhouse gas emission reduction targets have further galvanized the Electric Vehicles market. Given these driving forces, the Electric Vehicles market in Italy is poised for continued expansion in the years ahead.
- In May 2024, the French government inked a deal with the automotive sector, aiming for 800,000 annual EV sales by 2027. This target seeks to nearly triple passenger car EV sales in just four years and significantly boost BEV light-duty vehicle sales. The agreement also emphasizes ramping up investments in EVs, aligning with Europe's goal of achieving 100% electric new car sales by 2035.
- In summary, Italy's Electric Vehicles market is on a rapid ascent, fueled by a blend of consumer demand for eco-friendly vehicles, a growing charging infrastructure, a diverse array of Electric Vehicle models, a solid automotive industry foundation, and supportive government policies.

#### Italy Electric Vehicle Battery Manufacturing Equipment Industry Overview

The Italy Electric Vehicle Battery Manufacturing Equipment Market is semi-consolidated. Some of the key players in this market (in no particular order) are Manz AG, Sovema Group, Durr AG, Hitachi Ltd, and Xiamen Tmax Battery Equipments Limited.

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

## **Table of Contents:**

### 1 INTRODUCTION

- 1.1 Scope of the Study
- 1.2 Market Definition
- 1.3 Study Assumptions

### 2 RESEARCH METHODOLOGY

### 3 EXECUTIVE SUMMARY

### 4 MARKET OVERVIEW

- 4.1 Introduction
- 4.2 Market Size and Demand Forecast in USD, till 2029
- 4.3 Recent Trends and Developments
- 4.4 Government Policies and Regulations
- 4.5 Market Dynamics
  - 4.5.1 Drivers
    - 4.5.1.1 Increasing Adoption of Electric Vehicles
    - 4.5.1.2 Favorable Government Policies
  - 4.5.2 Restraints
    - 4.5.2.1 The Shortage of Companies Manufacturing Battery Equipment
- 4.6 Supply Chain Analysis
- 4.7 PESTLE Analysis
- 4.8 Investment Analysis

### 5 MARKET SEGMENTATION

- 5.1 Process
  - 5.1.1 Mixing
  - 5.1.2 Coating
  - 5.1.3 Calendering
  - 5.1.4 Slitting and Electrode Making
  - 5.1.5 Other Process
- 5.2 Battery
  - 5.2.1 Lithium-Ion Batteries
  - 5.2.2 Lead-Acid Batteries
  - 5.2.3 Nickel-Metal Hydride Batteries
  - 5.2.4 Other Batteries

### 6 COMPETITIVE LANDSCAPE

- 6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements
- 6.2 Strategies Adopted by Leading Players
- 6.3 Company Profiles
  - 6.3.1 Manz AG
  - 6.3.2 Sovema Group S.p.A.

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- 6.3.3 Durr AG
- 6.3.4 Hitachi Ltd
- 6.3.5 Xiamen Tmax Battery Equipments Limited.
- 6.3.6 Rosendahl Nextrom GmbH
- 6.4 Market Ranking/Share (%) Analysis
- 6.5 List of Other Prominent Companies

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

- 7.1 Increasing Technological Advancements in Battery Manufacturing Equipment

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