

# Global Overcharge Protection Additives Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G0DD3109019FEN.html>

Date: November 2025

Pages: 70

Price: US\$ 3,480.00 (Single User License)

ID: G0DD3109019FEN

## Abstracts

According to our (Global Info Research) latest study, the global Overcharge Protection Additives market size was valued at US\$ 109 million in 2024 and is forecast to a readjusted size of USD 523 million by 2031 with a CAGR of 25.4% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

From the view of electrolyte, the use of overcharge protective additives is an effective way to alleviate and slow down the rise of overpotential.

When lithium-ion batteries are overcharged, a series of reactions will occur. The electrolyte components (mainly solvents) undergo irreversible oxidation and decomposition reactions on the surface of the positive electrode, generating gas and releasing a large amount of heat, which leads to an increase in the internal pressure and temperature of the battery, which has a serious impact on the safety of the battery. In terms of mechanism of action, overcharge protection additives are mainly divided into two types: redox shuttle type and electropolymerization type. In terms of additive type, they can be divided into lithium halides and metallocene compounds.

This report is a detailed and comprehensive analysis for global Overcharge Protection Additives market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets.

Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Overcharge Protection Additives market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Overcharge Protection Additives market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Overcharge Protection Additives market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Overcharge Protection Additives market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Overcharge Protection Additives

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Overcharge Protection Additives market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Shandong Genyuan New Materials, HSC Corporation, Tinci Materials, Suzhou Huayi, BroaHony Group, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Overcharge Protection Additives market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and

forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

FBP

DFBP

Other

### **Market segment by Application**

Power Electrolyte

Consumer Electrolyte

Energy Storage Electrolyte

### **Major players covered**

Shandong Genyuan New Materials

HSC Corporation

Tinci Materials

Suzhou Huayi

BroaHony Group

### **Market segment by region, regional analysis covers**

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Overcharge Protection Additives product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Overcharge Protection Additives, with price, sales quantity, revenue, and global market share of Overcharge Protection Additives from 2020 to 2025.

Chapter 3, the Overcharge Protection Additives competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Overcharge Protection Additives breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Overcharge Protection Additives market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Overcharge Protection Additives.

Chapter 14 and 15, to describe Overcharge Protection Additives sales channel, distributors, customers, research findings and conclusion.

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