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Global Charging Port Flap Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Charging Port Flap market size was valued at US$ 453 million in 2025 and is forecast to a readjusted size of US$ 796 million by 2032 with a CAGR of 8.3% during review period.

In 2025, global Charging Port Flap production reached approximately 20,000 K units, with an average global market price of around 22 US$/unit.

Charging Port Flap refers to a specialized protective component installed on the charging port of electric vehicles (including electric cars, electric bikes, electric scooters) and electronic devices, designed to cover and seal the charging interface. It is usually made of durable materials such as plastic, rubber, or aluminum alloy, with waterproof, dustproof, anti-collision, and anti-corrosion functions, and can be designed as flip-type, push-type, or sliding-type according to product needs. Its core role is to protect the charging port from external pollutants, physical damage, and moisture intrusion, ensure the safety and stability of the charging process, extend the service life of the charging interface, and also maintain the overall appearance integrity of the device or vehicle.

The demand for Charging Port Flap is growing rapidly driven by the booming development of the new energy industry and the popularization of electronic devices: the global surge in electric vehicle ownership, the continuous expansion of the electric two-wheeler market, and the upgrading of electronic products have formed strong rigid demand; meanwhile, stricter industry standards for waterproof and dustproof performance of charging ports, as well as consumers' increasing attention to product durability and safety, further boost the demand for high-quality charging port flaps. Corresponding business opportunities are prominent: key opportunities lie in R&D and

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production of high-performance products (such as IP67/IP68 waterproof flaps) adapted to different types of vehicles and devices, customization services for new energy vehicle manufacturers and electronic product brands, replacement parts supply for after-sales markets, and integration of intelligent functions (such as automatic opening/closing and fault reminder) to meet the upgrading needs of the market.

This report is a detailed and comprehensive analysis for global Charging Port Flap market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Material 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 Charging Port Flap market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Charging Port Flap market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Charging Port Flap market size and forecasts, by Material and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Charging Port Flap market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2021-2026

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 Charging Port Flap

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

To assess competitive factors affecting the marketplace

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This report profiles key players in the global Charging Port Flap 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 Magna, Weber Group, ITW Automotive, Jiangsu Hengjie Auto Plastic Parts, Renault, OPmobility, WITTE Automotive, R?chling Automotive, NMB Technologies, Dongguan Haoyong Auto Parts (HYAC), etc.

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

Market Segmentation

Charging Port Flap market is split by Material and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Material, 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 Material

Plastic Flaps

Rubber Flaps

Metal Flaps

Others

Market segment by Opening Mode

Flip-Type Charging Port Flap

Push-Type Charging Port Flap

Sliding-Type Charging Port Flap

Rotating-Type Charging Port Flap

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Others

Market segment by Protection Level

IP65 Waterproof Dustproof

IP67 Waterproof Dustproof

IP68 High-Level Protection

Others

Market segment by Application

Commercial Vehicle

Passenger Car

Major players covered

Magna

Weber Group

ITW Automotive

Jiangsu Hengjie Auto Plastic Parts

Renault

OPmobility

WITTE Automotive

R?chling Automotive

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NMB Technologies

Dongguan Haoyong Auto Parts (HYAC)

K?STER Holding

Ningbo Gensen Auto Parts

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 Charging Port Flap product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Charging Port Flap, with price, sales quantity, revenue, and global market share of Charging Port Flap from 2021 to 2026.

Chapter 3, the Charging Port Flap competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Charging Port Flap breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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Chapter 5 and 6, to segment the sales by Material and by Application, with sales market share and growth rate by Material, by Application, from 2021 to 2032.

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 2021 to 2026.and Charging Port Flap market forecast, by regions, by Material, and by Application, with sales and revenue, from 2027 to 2032.

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 Charging Port Flap.

Chapter 14 and 15, to describe Charging Port Flap sales channel, distributors, customers, research findings and conclusion.

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