

Global Charging Communication Modules 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 Communication Modules market size was valued at US\$ 2269 million in 2025 and is forecast to a readjusted size of US\$ 7582 million by 2032 with a CAGR of 18.7% during review period.

In 2025, global Charging Communication Module output reached about 55 million units and global capacity of around 85 million units. The average unit price is about USD 40, with gross margins near 39%. Charging Communication Modules are electronic control and communication units used in electric vehicle (EV) charging systems to enable data exchange between the vehicle, charging station, and backend network. They ensure secure communication, authentication, and power management during the charging process by supporting protocols such as ISO 15118, OCPP (Open Charge Point Protocol), PLC (Power Line Communication), CAN, Ethernet, or wireless connectivity. In the supply chain, upstream components include semiconductors (microcontrollers, communication chips, PLC modems), power management ICs, connectors, antennas, and embedded software stacks supplied by semiconductor and electronics companies. Midstream involves module design, firmware integration, and manufacturing by automotive electronics suppliers and EV charging equipment manufacturers who integrate communication hardware with charging control systems. Downstream applications include EV charging stations (AC chargers, DC fast chargers), onboard vehicle charging controllers, and smart charging infrastructure operated by utilities, charge point operators, fleet charging networks, and automotive OEMs supporting connected and interoperable EV charging ecosystems.

This report is a detailed and comprehensive analysis for global Charging

Communication Modules 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 Charging Communication Modules market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

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

Global Charging Communication Modules 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 Communication Modules

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 Charging Communication Modules 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 Bosch, DENSO, Qualcomm, Infineon, Renesas, Broadcom, chargebyte, Continental, Analog Devices, KOSTAL Group, etc. This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Charging Communication Modules market is split by Type and by Application. For the period 2021-2032, 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

Power Line Communication Modules

CAN Bus Communication Modules

Ethernet Communication Modules

Wireless Communication Modules

RF Communication Modules

Market segment by Installation Location

Onboard Charging

Offboard Charging

Market segment by Application

Residential EV Charging Systems

Public EV Charging Systems

Major players covered

Bosch

DENSO

Qualcomm

Infineon

Renesas

Broadcom

chargebyte

Continental

Analog Devices

KOSTAL Group

Phoenix Contact

Vector Informatik

Murata Manufacturing

Sensata Technologies

NXP Semiconductors

Texas Instruments

STMicroelectronics

Microchip Technology

Delta Electronics

Panasonic Automotive Systems

Market segment by region, regional analysis covers

Global Charging Communication Modules Market 2026 by Manufacturers, Regions, Type and Application, Forecast to...

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 Communication Modules product scope, market overview, market estimation caveats and base year.

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

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

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

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 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 Communication Modules market forecast, by regions, by Type, 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 Communication Modules.

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

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