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Global Bidirectional Charge-discharge Module Market Growth 2026-2032

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Abstracts

The global Bidirectional Charge-discharge Module market size is predicted to grow from US$ 26.7 million in 2025 to US$ 113 million in 2032; it is expected to grow at a CAGR of 23.3% from 2026 to 2032.

Bidirectional charge-discharge module in EV chargers enables V2G technology, where an EV can not only draw power from the grid (charging) but also return power to the grid (discharging). This makes EVs a form of mobile energy storage that can support grid stability by providing services like frequency regulation and peak shaving.

United States market for Bidirectional Charge-discharge Module is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Bidirectional Charge-discharge Module is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Bidirectional Charge-discharge Module is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Bidirectional Charge-discharge Module players cover Infypower, UUGreenPower, TonHe, Sinexcel, Winline Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Bidirectional Charge-discharge Module Industry Forecast? looks at past sales and reviews total world Bidirectional Charge-discharge Module sales in 2025, providing a comprehensive analysis by region

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and market sector of projected Bidirectional Charge-discharge Module sales for 2026 through 2032. With Bidirectional Charge-discharge Module sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Bidirectional Charge-discharge Module industry.

This Insight Report provides a comprehensive analysis of the global Bidirectional Charge-discharge Module landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Bidirectional Charge-discharge Module portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Bidirectional Charge-discharge Module market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Bidirectional Charge-discharge Module and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Bidirectional Charge-discharge Module.

This report presents a comprehensive overview, market shares, and growth opportunities of Bidirectional Charge-discharge Module market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

20kW and Below

20-30kW

Above 30kW

Segmentation by Application:

Public Charger

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- Home Charger

This report also splits the market by region:

- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan
  - Korea
  - Southeast Asia
  - India
  - Australia
- Europe
  - Germany
  - France
  - UK
  - Italy

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Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Infypower

UUGreenPower

TonHe

Sinexcel

Winline Technology

TELD

Shenzhen Auto Electric Power Plant

JinGuan Electric

Key Questions Addressed in this Report

What is the 10-year outlook for the global Bidirectional Charge-discharge Module market?

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What factors are driving Bidirectional Charge-discharge Module market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Bidirectional Charge-discharge Module market opportunities vary by end market size?
How does Bidirectional Charge-discharge Module break out by Type, by Application?

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