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Global Bidirectional Fast Charging Protocol Chips Market Growth 2026-2032

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Abstracts

The global Bidirectional Fast Charging Protocol Chips market size is predicted to grow from US$ 1470 million in 2025 to US$ 2261 million in 2032; it is expected to grow at a CAGR of 6.5% from 2026 to 2032.

Bidirectional Quick Charge Chips are fast charging protocol chips that support bidirectional charging, which can realize fast charging and reverse charging between devices. This chip is usually used in portable electronic devices such as smartphones, tablets, power banks, etc., and supports multiple fast charging protocols. It supports bidirectional charging between devices, that is, it can not only charge other devices, but also receive charging from other devices.

United States market for Bidirectional Fast Charging Protocol Chips 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 Fast Charging Protocol Chips 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 Fast Charging Protocol Chips 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 Fast Charging Protocol Chips players cover NXP, STMicroelectronics, Texas Instruments, Cypress, Nanjing Qinheng Microelectronics, etc. In terms of revenue, the global two largest companies occupied for a share nearly

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% in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Bidirectional Fast Charging Protocol Chips Industry Forecast? looks at past sales and reviews total world Bidirectional Fast Charging Protocol Chips sales in 2025, providing a comprehensive analysis by region and market sector of projected Bidirectional Fast Charging Protocol Chips sales for 2026 through 2032. With Bidirectional Fast Charging Protocol Chips sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Bidirectional Fast Charging Protocol Chips industry.

This Insight Report provides a comprehensive analysis of the global Bidirectional Fast Charging Protocol Chips 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 Fast Charging Protocol Chips portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Bidirectional Fast Charging Protocol Chips market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Bidirectional Fast Charging Protocol Chips 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 Fast Charging Protocol Chips.

This report presents a comprehensive overview, market shares, and growth opportunities of Bidirectional Fast Charging Protocol Chips market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

PD Sink Chip

PD Charging Chip

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Segmentation by Application:

- UPS
- Vehicle Charger
- Mobile Power
- Others

This report also splits the market by region:

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

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Germany

France

UK

Italy

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.

NXP

STMicroelectronics

Texas Instruments

Cypress

Nanjing Qinheng Microelectronics

Shenzhen Injoinic Technology

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Richtek Technology Corporation

Zhuhai iSmartWare Technology

Southchip Semiconductor Technology

MIX-DESIGN

Hangzhou Silan Microelectronics

Shenzhen Chipsea Technologies

FastSOC Microelectronics

JADARD TECHNOLOGY

Hynetek Semiconductor

Shenzhen Weipu Innovation Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Bidirectional Fast Charging Protocol Chips market?

What factors are driving Bidirectional Fast Charging Protocol Chips market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Bidirectional Fast Charging Protocol Chips market opportunities vary by end market size?

How does Bidirectional Fast Charging Protocol Chips break out by Type, by Application?

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