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Global Mobile Power Bidirectional Fast Charging IC Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Mobile Power Bidirectional Fast Charging IC market size was valued at US$ 1498 million in 2023 and is forecast to a readjusted size of USD 2791 million by 2030 with a CAGR of 8.4% during review period.

Mobile power bidirectional fast charging IC is a highly integrated power management chip designed for portable power devices that support fast charging and discharging. This type of IC can not only efficiently manage energy transfer to ensure that the mobile power is fully charged in a short time, but also realize reverse charging function, allowing the mobile power to quickly charge other devices. Bidirectional fast charging IC integrates multiple key functions, including precise voltage and current control, thermal management and multiple protection mechanisms (such as overvoltage, overcurrent, short circuit and temperature protection).

This report is a detailed and comprehensive analysis for global Mobile Power Bidirectional Fast Charging IC 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 2024, are provided.

Key Features:

Global Mobile Power Bidirectional Fast Charging IC market size and forecasts, in

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consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2019-2030

Global Mobile Power Bidirectional Fast Charging IC market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2019-2030

Global Mobile Power Bidirectional Fast Charging IC market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2019-2030

Global Mobile Power Bidirectional Fast Charging IC market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2019-2024

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 Mobile Power Bidirectional Fast Charging IC

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 Mobile Power Bidirectional Fast Charging IC 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 NXP, STMicroelectronics, Texas Instruments, Cypress, Nanjing Qinheng Microelectronics, Shenzhen Injoinic Technology, Richtek Technology Corporation, Zhuhai iSmartWare Technology, Southchip Semiconductor Technology, MIX-DESIGN, etc.

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

Market Segmentation

Mobile Power Bidirectional Fast Charging IC market is split by Type and by Application.

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For the period 2019-2030, 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

PD Sink Chip

PD Charging Chip

Market segment by Application

Smartphone

Tablet PCs

Wearable Device

Laptops

Others

Major players covered

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

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 Mobile Power Bidirectional Fast Charging IC product scope, market overview, market estimation caveats and base year.

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Chapter 2, to profile the top manufacturers of Mobile Power Bidirectional Fast Charging IC, with price, sales quantity, revenue, and global market share of Mobile Power Bidirectional Fast Charging IC from 2019 to 2024.

Chapter 3, the Mobile Power Bidirectional Fast Charging IC competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Mobile Power Bidirectional Fast Charging IC breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

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 2019 to 2030.

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 2019 to 2024.and Mobile Power Bidirectional Fast Charging IC market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

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 Mobile Power Bidirectional Fast Charging IC.

Chapter 14 and 15, to describe Mobile Power Bidirectional Fast Charging IC sales channel, distributors, customers, research findings and conclusion.

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4 CONSUMPTION ANALYSIS BY REGION

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