

## Global Low Voltage Direct Current (LVDC) Supply, Demand and Key Producers, 2023-2029

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### **Abstracts**

The global Low Voltage Direct Current (LVDC) market size is expected to reach \$ 3091.2 million by 2029, rising at a market growth of 9.0% CAGR during the forecast period (2023-2029).

Global 5 largest manufacturers of Low Voltage Direct Current (LVDC) are ABB, Schneider Electric, Siemens, Eaton and Mitsubishi Electric, which make up over 55%. Among them, ABB is the leader with about 15% market share. Asia-Pacific is the largest market, with a share about 44%, followed by Europe and North America , with the share about 25% and 22%. In terms of product type, DC Circuit Breakers occupy the largest share of the total market, about 68%. And in terms of product Application, the largest application is Photovoltaic Power Station, followed by Data Center.

Low voltage is an electrical voltage that is referred to in the consumer segment as the main voltage used for commercial electrical appliances and lighting in homes and industry. According to the IEC: low voltage is the voltage between 50 - 1,000 volts of alternating current and between 120 - 1,500 V of direct current. Low voltage direct current (LVDC) is a disruptive technology that fundamentally accelerates energy access and improves energy efficiency. LVDC applications are many and varied and can be applied in every country in the world. The applications range from commercial and industrial buildings to photovoltaic power station, data center, transportation, and others.

This report studies the global Low Voltage Direct Current (LVDC) demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Low Voltage Direct Current (LVDC), and provides market size (US\$ million) and Year-over-



Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Low Voltage Direct Current (LVDC) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Low Voltage Direct Current (LVDC) total market, 2018-2029, (USD Million)

Global Low Voltage Direct Current (LVDC) total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Low Voltage Direct Current (LVDC) total market, key domestic companies and share, (USD Million)

Global Low Voltage Direct Current (LVDC) revenue by player and market share 2018-2023, (USD Million)

Global Low Voltage Direct Current (LVDC) total market by Type, CAGR, 2018-2029, (USD Million)

Global Low Voltage Direct Current (LVDC) total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Low Voltage Direct Current (LVDC) market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB, Schneider Electric, Siemens, Eaton, Mitsubishi Electric, Legrand, Fuji Electric and Liangxin, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Low Voltage Direct Current (LVDC) market.

**Detailed Segmentation:** 

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years



2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Low Voltage Direct Current (LVDC) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Low Voltage Direct Current (LVDC) Market, Segmentation by Type

**DC Circuit Breakers** 

DC Contactors

Others

Global Low Voltage Direct Current (LVDC) Market, Segmentation by Application

Photovoltaic Power Station

Commercial and Industrial Buildings

Data Center



Transportation

Others

**Companies Profiled:** 

ABB

Schneider Electric

Siemens

Eaton

Mitsubishi Electric

Legrand

Fuji Electric

Liangxin

Key Questions Answered

1. How big is the global Low Voltage Direct Current (LVDC) market?

2. What is the demand of the global Low Voltage Direct Current (LVDC) market?

3. What is the year over year growth of the global Low Voltage Direct Current (LVDC) market?

4. What is the total value of the global Low Voltage Direct Current (LVDC) market?

5. Who are the major players in the global Low Voltage Direct Current (LVDC) market?

6. What are the growth factors driving the market demand?



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