

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Direct Current Power System Market 2018, Forecast to 2023

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Abstracts

The DC power systems are broadly categorized into DC-DC and AC-DC power supply. Such systems are mainly used in telecom towers, data centers, industrial loads, commercial buildings, residential loads, electronics appliances, automotive, medical equipment, and aircraft. The system uses semiconductor switches such as diode and thyristors for the conversion process. Since The global transmission and distribution use AC power systems, rectifiers are needed to get DC power supply. In the last few years, the growing need to achieve energy efficiency has spurred the demand for DC power systems as they are more efficient than AC power systems.

Scope of the Report:

This report focuses on the Direct Current Power System in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. One of the major drivers responsible for the growth of this market is the increased use of voice over internet protocols VoIP and light emitting diode (LED) lighting. VoIP is an emerging technology that uses the Internet for voice and multimedia communications. The technology has enough potential to overcome the traditional telecom market through its cost saving capabilities. Each VoIP device needs DC power either through a dedicated DC power supply unit or through power over Ethernet (PoE). Another major application where DC power systems are used is in LED lighting systems. The market share for LED lighting is expected to grow significantly due to the commercial applications of LED lighting. Moreover, the increasing use of LED lighting in the residential segment will further propel the growth of the DC power systems in the coming years.



The global DC power system market is highly fragmented due to the presence of a large number of small and medium size manufacturers. The major players face intense competition from local non-branded players. To gain higher market share the small and the medium-sized manufacturers use price as their competitive advantage. To gain a competitive advantage, the established players are expected to strategize their business with M&A and extensive R&D in the next several years.

In terms of geography, the Americas accounted for the maximum market share during 2016 and will continue to dominate the market for the next few years. The key contributor to the growth of this market is the high demand for 380 V DC power system. The market for 380 V DC power system will serve as the replacement market for 48 V DC power systems in data centers and telecom network. Also, the increasing use of the 380 V DC supply in commercial buildings will augment the growth of the DC power systems market in the region during the forecast period.

The worldwide market for Direct Current Power System is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Artesyn Embedded Technologies

Delta Electronics

GE Industrial Solutions

Huawei

Lite-On Power System Solutions

AEG Power Solutions

Alpha Group

C&D Technologies

Critical Power USA



Eaton **MEAN WELL Power Magnetics** Market Segment by Regions, regional analysis covers North America (United States, Canada and Mexico) Europe (Germany, France, UK, Russia and Italy) Asia-Pacific (China, Japan, Korea, India and Southeast Asia) South America (Brazil, Argentina, Colombia etc.) Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Market Segment by Type, covers 0-24 V power supply 48 V power supply more than 48 V power supply Market Segment by Applications, can be divided into Telecom Industrial Commercial (building, offices)

There are 15 Chapters to deeply display The global Direct Current Power System



market.

Chapter 1, to describe Direct Current Power System Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Direct Current Power System, with sales, revenue, and price of Direct Current Power System, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show The global market by regions, with sales, revenue and market share of Direct Current Power System, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Direct Current Power System market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Direct Current Power System sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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