

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) High Voltage Capacitors Market 2018, Forecast to 2023

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Abstracts

HV capacitors are key components in circuit breakers and capacitive voltage transformers, used in the transport and distribution of electrical energy in electric utility grids and other high-voltage installations worldwide. Within each major capacitor dielectric, high voltage has a different definition. To summarize, the overwhelming majority of capacitors consumed for high voltage applications are electrostatic plastic film capacitors, and even then there is a focus on the polypropylene type film capacitor dielectrics only. Polypropylene capacitors are applicable to the hundreds of thousands of and are truly separate from other dielectrics in that respect. Ceramic capacitors - also electrostatic, can be manufactured to withstand up to 100,000 volts. Aluminum electrolytic capacitors are also included in this discussion, especially the screw terminal and snap in types that are manufactured to operate up to 500 volts per cell. Other capacitors consumed in high voltage circuits include tantalum wet capacitors, reconstituted mica capacitors, glass dielectric capacitors and diamond-like carbon capacitors.

Scope of the Report:

This report focuses on the High Voltage Capacitors 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.

The plastic film capacitor market which is about half of the market value for all industrial grade capacitors, is further divided into AC plastic film capacitors for electrical systems and DC film capacitors for electronic systems. The plastic film capacitor market is also determined by its dielectric, in this instance polypropylene (PP) film is used for AC electrical capacitors and polyethylene teraphthalate (PET) is used for 5 mm PCB

mounted smoothing capacitors. Plastic film capacitors are electrostatic designs and therefore have high voltage handling capabilities but at low capacitance values. The benefit of film is the self-healing nature of the plastic dielectric that works well when the capacitor is constantly subjected to the rigors of high-voltage stress. Therefore plastic film capacitors are used for power factor correction, signal smoothing and burst power in a myriad of markets throughout the power supply chain.

The worldwide market for High Voltage Capacitors 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

ABB

Siemens

GE

Cooper

ICAR

ZEZ Silko

Maxwell

Electronicon Kondensatoren

Nissin

Kondas

Lifasa

RTR

Samwha

Iskra

API Capacitors

Xi'an XD

Guilin Power

Sieyuan

Herong

New Northeast

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

High Voltage Plastic Film Capacitors

High Voltage Aluminum Electrolytic Capacitors

High Voltage Ceramic Capacitors

Others

Market Segment by Applications, can be divided into

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) High Voltage Capacitors Ma...

Power Transmission & Distribution

Oil & Gas Electronics

Semiconductor Manufacturing

Defense Electronics

Others

There are 15 Chapters to deeply display the global High Voltage Capacitors market.

Chapter 1, to describe High Voltage Capacitors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of High Voltage Capacitors, with sales, revenue, and price of High Voltage Capacitors, 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 High Voltage Capacitors, 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, High Voltage Capacitors market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe High Voltage Capacitors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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