

# Global Gate Bipolar Transistors STATCOM Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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## Abstracts

STATCOM or Static Synchronous Compensator (STATCOM is also called Static Var Generator, SVG) is a shunt device, which uses force-commutated power electronics (i.e. GTO, IGBT) to control power flow and improve transient stability on electrical power networks. It is also a member of the so-called Flexible AC Transmission System (FACTS) devices. The STATCOM basically performs the same function as the static var compensators but with some advantages.

According to Component, SVG can be divided into GTO type, IGBT type, IGCT type, SCR type, GTR type, MOSFET type. FACTS-based power conversion equipment generally used full-controlled devices, mainly choose GTO, modified GTO (IGBT, MTO, ETO) and (HV) IGBT and other devices.

This report focuses IGBT based STATCOM.

According to APO Research, The global Gate Bipolar Transistors STATCOM market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

Europe is the leading production market for Gate Bipolar Transistors STATCOM, accounting for about 40% of the global market, followed by China with about 20%.

Major manufacturers include ABB, Siemens, Rongxin, Hitachi and Mitsubishi Electric, with the top three accounting for about 40%.

In terms of production side, this report researches the Gate Bipolar Transistors

STATCOM production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Gate Bipolar Transistors STATCOM by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Gate Bipolar Transistors STATCOM, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Gate Bipolar Transistors STATCOM, also provides the consumption of main regions and countries. Of the upcoming market potential for Gate Bipolar Transistors STATCOM, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Gate Bipolar Transistors STATCOM sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Gate Bipolar Transistors STATCOM market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Gate Bipolar Transistors STATCOM sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including ABB, Siemens, Rongxin, Sieyuan Electric, Hitachi, Mitsubishi Electric, S&C Electric, GE and AMSC, etc.

Gate Bipolar Transistors STATCOM segment by Company

ABB

Siemens

Rongxin

Sieyuan Electric

Hitachi

Mitsubishi Electric

S&C Electric

GE

AMSC

Ingeteam

Beijing In-power Electric Co., Ltd

Comsys AB

Merus Power

#### Gate Bipolar Transistors STATCOM segment by Type

Low Voltage STATCOM

High Voltage STATCOM

#### Gate Bipolar Transistors STATCOM segment by Application

Renewable Energy

Electric Utilities

Industrial & Manufacturing

Others

## Gate Bipolar Transistors STATCOM segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.

6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Gate Bipolar Transistors STATCOM market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Gate Bipolar Transistors STATCOM and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Gate Bipolar Transistors STATCOM.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

### Chapter Outline

Chapter 1: Provides an overview of the Gate Bipolar Transistors STATCOM market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Gate Bipolar Transistors STATCOM industry.

Chapter 3: Detailed analysis of Gate Bipolar Transistors STATCOM market competition landscape. Including Gate Bipolar Transistors STATCOM manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Gate Bipolar Transistors STATCOM by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Gate Bipolar Transistors STATCOM in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Gate Bipolar Transistors STATCOM Production Value Estimates and Forecasts (2019-2030)
  - 1.2.2 Global Gate Bipolar Transistors STATCOM Production Capacity Estimates and Forecasts (2019-2030)
  - 1.2.3 Global Gate Bipolar Transistors STATCOM Production Estimates and Forecasts (2019-2030)
  - 1.2.4 Global Gate Bipolar Transistors STATCOM Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### **2 GLOBAL GATE BIPOLAR TRANSISTORS STATCOM MARKET DYNAMICS**

- 2.1 Gate Bipolar Transistors STATCOM Industry Trends
- 2.2 Gate Bipolar Transistors STATCOM Industry Drivers
- 2.3 Gate Bipolar Transistors STATCOM Industry Opportunities and Challenges
- 2.4 Gate Bipolar Transistors STATCOM Industry Restraints

### **3 GATE BIPOLAR TRANSISTORS STATCOM MARKET BY MANUFACTURERS**

- 3.1 Global Gate Bipolar Transistors STATCOM Production Value by Manufacturers (2019-2024)
- 3.2 Global Gate Bipolar Transistors STATCOM Production by Manufacturers (2019-2024)
- 3.3 Global Gate Bipolar Transistors STATCOM Average Price by Manufacturers (2019-2024)
- 3.4 Global Gate Bipolar Transistors STATCOM Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Gate Bipolar Transistors STATCOM Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Gate Bipolar Transistors STATCOM Manufacturers, Product Type & Application
- 3.7 Global Gate Bipolar Transistors STATCOM Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis



- 3.8.1 Global Gate Bipolar Transistors STATCOM Market CR5 and HHI
- 3.8.2 Global Top 5 and 10 Gate Bipolar Transistors STATCOM Players Market Share by Production Value in 2023
- 3.8.3 2023 Gate Bipolar Transistors STATCOM Tier 1, Tier 2, and Tier

#### **4 GATE BIPOLAR TRANSISTORS STATCOM MARKET BY TYPE**

- 4.1 Gate Bipolar Transistors STATCOM Type Introduction
  - 4.1.1 Low Voltage STATCOM
  - 4.1.2 High Voltage STATCOM
- 4.2 Global Gate Bipolar Transistors STATCOM Production by Type
  - 4.2.1 Global Gate Bipolar Transistors STATCOM Production by Type (2019 VS 2023 VS 2030)
  - 4.2.2 Global Gate Bipolar Transistors STATCOM Production by Type (2019-2030)
  - 4.2.3 Global Gate Bipolar Transistors STATCOM Production Market Share by Type (2019-2030)
- 4.3 Global Gate Bipolar Transistors STATCOM Production Value by Type
  - 4.3.1 Global Gate Bipolar Transistors STATCOM Production Value by Type (2019 VS 2023 VS 2030)
  - 4.3.2 Global Gate Bipolar Transistors STATCOM Production Value by Type (2019-2030)
  - 4.3.3 Global Gate Bipolar Transistors STATCOM Production Value Market Share by Type (2019-2030)

#### **5 GATE BIPOLAR TRANSISTORS STATCOM MARKET BY APPLICATION**

- 5.1 Gate Bipolar Transistors STATCOM Application Introduction
  - 5.1.1 Renewable Energy
  - 5.1.2 Electric Utilities
  - 5.1.3 Industrial & Manufacturing
  - 5.1.4 Others
- 5.2 Global Gate Bipolar Transistors STATCOM Production by Application
  - 5.2.1 Global Gate Bipolar Transistors STATCOM Production by Application (2019 VS 2023 VS 2030)
  - 5.2.2 Global Gate Bipolar Transistors STATCOM Production by Application (2019-2030)
  - 5.2.3 Global Gate Bipolar Transistors STATCOM Production Market Share by Application (2019-2030)
- 5.3 Global Gate Bipolar Transistors STATCOM Production Value by Application

5.3.1 Global Gate Bipolar Transistors STATCOM Production Value by Application (2019 VS 2023 VS 2030)

5.3.2 Global Gate Bipolar Transistors STATCOM Production Value by Application (2019-2030)

5.3.3 Global Gate Bipolar Transistors STATCOM Production Value Market Share by Application (2019-2030)

## **6 COMPANY PROFILES**

### **6.1 ABB**

6.1.1 ABB Company Information

6.1.2 ABB Business Overview

6.1.3 ABB Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)

6.1.4 ABB Gate Bipolar Transistors STATCOM Product Portfolio

6.1.5 ABB Recent Developments

### **6.2 Siemens**

6.2.1 Siemens Company Information

6.2.2 Siemens Business Overview

6.2.3 Siemens Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)

6.2.4 Siemens Gate Bipolar Transistors STATCOM Product Portfolio

6.2.5 Siemens Recent Developments

### **6.3 Rongxin**

6.3.1 Rongxin Company Information

6.3.2 Rongxin Business Overview

6.3.3 Rongxin Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)

6.3.4 Rongxin Gate Bipolar Transistors STATCOM Product Portfolio

6.3.5 Rongxin Recent Developments

### **6.4 Sieyuan Electric**

6.4.1 Sieyuan Electric Company Information

6.4.2 Sieyuan Electric Business Overview

6.4.3 Sieyuan Electric Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)

6.4.4 Sieyuan Electric Gate Bipolar Transistors STATCOM Product Portfolio

6.4.5 Sieyuan Electric Recent Developments

### **6.5 Hitachi**

6.5.1 Hitachi Company Information

- 6.5.2 Hitachi Business Overview
- 6.5.3 Hitachi Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
- 6.5.4 Hitachi Gate Bipolar Transistors STATCOM Product Portfolio
- 6.5.5 Hitachi Recent Developments
- 6.6 Mitsubishi Electric
  - 6.6.1 Mitsubishi Electric Company Information
  - 6.6.2 Mitsubishi Electric Business Overview
  - 6.6.3 Mitsubishi Electric Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
  - 6.6.4 Mitsubishi Electric Gate Bipolar Transistors STATCOM Product Portfolio
  - 6.6.5 Mitsubishi Electric Recent Developments
- 6.7 S&C Electric
  - 6.7.1 S&C Electric Company Information
  - 6.7.2 S&C Electric Business Overview
  - 6.7.3 S&C Electric Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
  - 6.7.4 S&C Electric Gate Bipolar Transistors STATCOM Product Portfolio
  - 6.7.5 S&C Electric Recent Developments
- 6.8 GE
  - 6.8.1 GE Company Information
  - 6.8.2 GE Business Overview
  - 6.8.3 GE Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
  - 6.8.4 GE Gate Bipolar Transistors STATCOM Product Portfolio
  - 6.8.5 GE Recent Developments
- 6.9 AMSC
  - 6.9.1 AMSC Company Information
  - 6.9.2 AMSC Business Overview
  - 6.9.3 AMSC Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
  - 6.9.4 AMSC Gate Bipolar Transistors STATCOM Product Portfolio
  - 6.9.5 AMSC Recent Developments
- 6.10 Ingeteam
  - 6.10.1 Ingeteam Company Information
  - 6.10.2 Ingeteam Business Overview
  - 6.10.3 Ingeteam Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
  - 6.10.4 Ingeteam Gate Bipolar Transistors STATCOM Product Portfolio

- 6.10.5 Ingeteam Recent Developments
- 6.11 Beijing In-power Electric Co., Ltd
  - 6.11.1 Beijing In-power Electric Co., Ltd Company Information
  - 6.11.2 Beijing In-power Electric Co., Ltd Business Overview
  - 6.11.3 Beijing In-power Electric Co., Ltd Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
  - 6.11.4 Beijing In-power Electric Co., Ltd Gate Bipolar Transistors STATCOM Product Portfolio
  - 6.11.5 Beijing In-power Electric Co., Ltd Recent Developments
- 6.12 Comsys AB
  - 6.12.1 Comsys AB Company Information
  - 6.12.2 Comsys AB Business Overview
  - 6.12.3 Comsys AB Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
  - 6.12.4 Comsys AB Gate Bipolar Transistors STATCOM Product Portfolio
  - 6.12.5 Comsys AB Recent Developments
- 6.13 Merus Power
  - 6.13.1 Merus Power Company Information
  - 6.13.2 Merus Power Business Overview
  - 6.13.3 Merus Power Gate Bipolar Transistors STATCOM Production, Value and Gross Margin (2019-2024)
  - 6.13.4 Merus Power Gate Bipolar Transistors STATCOM Product Portfolio
  - 6.13.5 Merus Power Recent Developments

## **7 GLOBAL GATE BIPOLAR TRANSISTORS STATCOM PRODUCTION BY REGION**

- 7.1 Global Gate Bipolar Transistors STATCOM Production by Region: 2019 VS 2023 VS 2030
- 7.2 Global Gate Bipolar Transistors STATCOM Production by Region (2019-2030)
  - 7.2.1 Global Gate Bipolar Transistors STATCOM Production by Region: 2019-2024
  - 7.2.2 Global Gate Bipolar Transistors STATCOM Production by Region (2025-2030)
- 7.3 Global Gate Bipolar Transistors STATCOM Production by Region: 2019 VS 2023 VS 2030
- 7.4 Global Gate Bipolar Transistors STATCOM Production Value by Region (2019-2030)
  - 7.4.1 Global Gate Bipolar Transistors STATCOM Production Value by Region: 2019-2024
  - 7.4.2 Global Gate Bipolar Transistors STATCOM Production Value by Region (2025-2030)

7.5 Global Gate Bipolar Transistors STATCOM Market Price Analysis by Region (2019-2024)

7.6 Regional Production Value Trends (2019-2030)

7.6.1 North America Gate Bipolar Transistors STATCOM Production Value (2019-2030)

7.6.2 Europe Gate Bipolar Transistors STATCOM Production Value (2019-2030)

7.6.3 Asia-Pacific Gate Bipolar Transistors STATCOM Production Value (2019-2030)

7.6.4 Latin America Gate Bipolar Transistors STATCOM Production Value (2019-2030)

7.6.5 Middle East & Africa Gate Bipolar Transistors STATCOM Production Value (2019-2030)

## **8 GLOBAL GATE BIPOLAR TRANSISTORS STATCOM CONSUMPTION BY REGION**

8.1 Global Gate Bipolar Transistors STATCOM Consumption by Region: 2019 VS 2023 VS 2030

8.2 Global Gate Bipolar Transistors STATCOM Consumption by Region (2019-2030)

8.2.1 Global Gate Bipolar Transistors STATCOM Consumption by Region (2019-2024)

8.2.2 Global Gate Bipolar Transistors STATCOM Consumption by Region (2025-2030)

8.3 North America

8.3.1 North America Gate Bipolar Transistors STATCOM Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.3.2 North America Gate Bipolar Transistors STATCOM Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

8.4.1 Europe Gate Bipolar Transistors STATCOM Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.4.2 Europe Gate Bipolar Transistors STATCOM Consumption by Country (2019-2030)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific Gate Bipolar Transistors STATCOM Consumption Growth Rate by

Country: 2019 VS 2023 VS 2030

8.5.2 Asia Pacific Gate Bipolar Transistors STATCOM Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Gate Bipolar Transistors STATCOM Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA Gate Bipolar Transistors STATCOM Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

9.1 Gate Bipolar Transistors STATCOM Value Chain Analysis

9.1.1 Gate Bipolar Transistors STATCOM Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Gate Bipolar Transistors STATCOM Production Mode & Process

9.2 Gate Bipolar Transistors STATCOM Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Gate Bipolar Transistors STATCOM Distributors

9.2.3 Gate Bipolar Transistors STATCOM Customers

## **10 CONCLUDING INSIGHTS**

## **11 APPENDIX**

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

## 11.5 Data Source

### 11.5.1 Secondary Sources

### 11.5.2 Primary Sources

## 11.6 Disclaimer

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