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Description:

Summary

SVC (Static Var Compensator), still Reactive Power Compensation device in short, different from the traditional Reactive Power Compensation (via switching capacitor or by tapping switch control the terminal voltage of the capacitor), SVC Reactive Power Compensation belongs to the dynamic product, it has the fastest 10ms response speed, is now mature technology the fastest Reactive Power Compensation SVC, due to a controlled silicon as the regulating performance unit, it also features continuous step regulation (by changing the conduction angle of the controllable silicon regulator), no inrush current, arc, no mechanical switch life limit etc.. Particularly suitable for those who need fast compensation industrial fields, such as electric arc furnace, rolling mill, electric locomotive, can significantly improve the power factor (maximum of approximately), the greatest degree of user of saving energy and reducing I_o, at the same time can reduce the user acce network common point of voltage fluctuation and flicker, moreover, SVC can also be used in power grid. Or hub substation, to maintain. Voltage stability, improve transmiion line capacity, as well as to improve the transient stability of power system. Have certain effect.

SVG is also called STATCOM, namely static var generator static Reactive Power Compensation device or senior (ASVC), which is based on the instantaneous reactive power and the concept of compensation principle consisting of GTO commutated converter. SVG voltage and current mode circuit two bridges. Because of the voltage type convenient control, low I_o, so it is widely used in practical application. By adjusting the bridge circuit in AC side output voltage phase, amplitude or directly regulate its AC side current reactive power exchange. Compared with SVC, its regulation is faster, adjustment range; the undervoltage condition of reactive power regulation capability is stronger, so it has good compensation characteristics.

SVC SVG market research report provides the newest industry data and industry future trends, allowing you to identify the products and end users driving revenue growth and profitability.

The industry report lists the leading competitors and provides the insights strategic industry analysis of the key factors influencing the market.

The report includes the forecasts, analysis and discuion of important industry trends, market size, market share estimates and profiles of the leading industry players.

Global SVC SVG Market: Product Segment Analysis

SVG

SVC

Global SVC SVG Market: Application Segment Analysis

Flexible AC transmiion system

Global SVC SVG Market: Regional Segment Analysis

USA

Europe

Japan

China

India

South East Asia

The players mentioned in our report

ABB
Siemens
Alstom
GE
Hitachi
Toshiba
Rongxin Power Electronic
Epri
Weihan Power
Mitsubishi Electric
XJ Group
Zhiguang Electric
Hengshun Electric
Xidian Power
Yinhu Electric
Sanyi Electric
Surpa Sun Electric
Sound Power
Fujidaneng Electric
Jiuzhou Electric

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