

Global Solid State Transformers (SST) Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GB0A35C61BA9EN.html>

Date: July 2026

Pages: 140

Price: US\$ 4,480.00 (Single User License)

ID: GB0A35C61BA9EN

Abstracts

The global Solid State Transformers (SST) market size is expected to reach \$ 1940 million by 2032, rising at a market growth of 36.3% CAGR during the forecast period (2026-2032).

Solid State Transformers (SST) are advanced power-electronic transformer systems that replace part of the traditional iron-core transformer function with high-frequency converters, semiconductor switches, control systems, and high-frequency isolation transformers. Unlike conventional transformers, SSTs can actively regulate voltage, manage bidirectional power flow, improve power quality, and interface AC and DC grids. They are mainly used or being developed for smart distribution grids, renewable energy integration, EV charging, data centers, traction systems, microgrids, and medium-voltage power conversion. SSTs are still in a developing commercialization stage, but they are viewed as an important technology for future flexible power networks. Global production capacity is approximately 150 MW.

In 2025, global sales reached approximately 131 MW, with an average price of around US\$ 778 per kw, gross margin around 38%.

The Solid State Transformer market is an emerging but strategically important segment of the power equipment industry. Compared with traditional transformers, SSTs offer stronger controllability, bidirectional energy management, higher power quality functions, and better compatibility with renewable energy, storage, EV charging, and DC distribution systems. In the short term, high cost, technical complexity, reliability concerns, and lack of mature standards will limit mass adoption. In the long term, as power grids become more digital, decentralized, and electrified, SSTs are expected to gain opportunities in high-value applications such as smart grids, fast charging hubs,

data centers, railways, and microgrids.

Market Trend

The Solid State Transformer market is moving from laboratory prototypes and pilot projects toward early commercial deployment. The key trend is the shift toward medium-voltage, modular, bidirectional, and digitally controlled power conversion systems. Growth in renewable energy, battery storage, EV fast charging, data centers, and hybrid AC/DC distribution networks is increasing demand for equipment that can provide voltage conversion, power quality control, and grid interaction in one platform. Wide-bandgap semiconductors, especially silicon carbide devices, are also improving SST efficiency and power density. However, large-scale adoption still depends on reliability validation, cost reduction, standardization, and utility acceptance.

Market Drive

The main drivers of the Solid State Transformer market come from grid modernization, electrification, and distributed energy integration. Traditional distribution networks are facing higher complexity because of solar power, energy storage, EV charging stations, data centers, and industrial electrification. SSTs can support bidirectional power flow, dynamic voltage regulation, reactive power compensation, harmonic suppression, and AC/DC interconnection, making them attractive for flexible distribution systems. In addition, transformer shortages and long lead times in some markets are encouraging utilities and large power users to evaluate new transformer technologies and modular power-electronic alternatives. These factors support long-term SST demand.

Upstream and Downstream

The upstream side of the SST industry includes power semiconductor suppliers, magnetic component manufacturers, control system providers, capacitor suppliers, cooling system suppliers, PCB and power module manufacturers, and software/control algorithm developers. Key technical inputs include SiC/GaN devices, high-frequency transformers, insulated gate drivers, sensors, and digital controllers. Downstream customers mainly include utilities, grid operators, renewable energy developers, EV charging infrastructure companies, data centers, railway and traction system operators, industrial parks, and microgrid developers. The value chain is still technology-driven, so partnerships between power electronics companies, transformer manufacturers, utilities, and research institutes are important for commercialization.

This report studies the global Solid State Transformers (SST) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Solid State Transformers (SST) and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Solid State Transformers (SST) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Solid State Transformers (SST) total production and demand, 2021-2032, (MW)
Global Solid State Transformers (SST) total production value, 2021-2032, (USD Million)
Global Solid State Transformers (SST) production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (MW), (based on production site)
Global Solid State Transformers (SST) consumption by region & country, CAGR, 2021-2032 & (MW)
U.S. VS China: Solid State Transformers (SST) domestic production, consumption, key domestic manufacturers and share
Global Solid State Transformers (SST) production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (MW)
Global Solid State Transformers (SST) production by Type, production, value, CAGR, 2021-2032, (USD Million) & (MW)
Global Solid State Transformers (SST) production by Application, production, value, CAGR, 2021-2032, (USD Million) & (MW)

This report profiles key players in the global Solid State Transformers (SST) market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Delta, Eaton, Amperesand, WG Energy, Sifang Automation, DG Matrix, China XD Electric, SolarEdge Technologies, Jinpan Smart Technology, Heron Power, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Solid State Transformers (SST) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MW) and average price (USD/KW) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Solid State Transformers (SST) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Solid State Transformers (SST) Market, Segmentation by Type:

Single-stage SST

Multi-stage SST

Global Solid State Transformers (SST) Market, Segmentation by Voltage:

Low-voltage SST

Medium-voltage SST

High-voltage SST

Global Solid State Transformers (SST) Market, Segmentation by Phase:

Single-phase SST

Three-phase SST

Global Solid State Transformers (SST) Market, Segmentation by Application:

Data Centers

Smart Grids

Others

Companies Profiled:

Delta

Eaton

Amperesand

WG Energy

Sifang Automation

DG Matrix

China XD Electric

SolarEdge Technologies

Jinpan Smart Technology

Heron Power

Novos Power

Navitas Semiconductor

Infinity Flow

Hitachi Energy

Jiangsu Huachen Transformer

Sungrow Power

Newonder Special Electric

Kehua Data

Shenghong New Energy Equipment

Key Questions Answered:

1. How big is the global Solid State Transformers (SST) market?
2. What is the demand of the global Solid State Transformers (SST) market?
3. What is the year over year growth of the global Solid State Transformers (SST) market?
4. What is the production and production value of the global Solid State Transformers (SST) market?
5. Who are the key producers in the global Solid State Transformers (SST) market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Solid State Transformers (SST) Introduction
- 1.2 World Solid State Transformers (SST) Supply & Forecast
 - 1.2.1 World Solid State Transformers (SST) Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Solid State Transformers (SST) Production (2021-2032)
 - 1.2.3 World Solid State Transformers (SST) Pricing Trends (2021-2032)
- 1.3 World Solid State Transformers (SST) Production by Region (Based on Production Site)
 - 1.3.1 World Solid State Transformers (SST) Production Value by Region (2021-2032)
 - 1.3.2 World Solid State Transformers (SST) Production by Region (2021-2032)
 - 1.3.3 World Solid State Transformers (SST) Average Price by Region (2021-2032)
 - 1.3.4 North America Solid State Transformers (SST) Production (2021-2032)
 - 1.3.5 Europe Solid State Transformers (SST) Production (2021-2032)
 - 1.3.6 China Solid State Transformers (SST) Production (2021-2032)
 - 1.3.7 Japan Solid State Transformers (SST) Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Solid State Transformers (SST) Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Solid State Transformers (SST) Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Solid State Transformers (SST) Demand (2021-2032)
- 2.2 World Solid State Transformers (SST) Consumption by Region
 - 2.2.1 World Solid State Transformers (SST) Consumption by Region (2021-2026)
 - 2.2.2 World Solid State Transformers (SST) Consumption Forecast by Region (2027-2032)
- 2.3 United States Solid State Transformers (SST) Consumption (2021-2032)
- 2.4 China Solid State Transformers (SST) Consumption (2021-2032)
- 2.5 Europe Solid State Transformers (SST) Consumption (2021-2032)
- 2.6 Japan Solid State Transformers (SST) Consumption (2021-2032)
- 2.7 South Korea Solid State Transformers (SST) Consumption (2021-2032)
- 2.8 ASEAN Solid State Transformers (SST) Consumption (2021-2032)
- 2.9 India Solid State Transformers (SST) Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Solid State Transformers (SST) Production Value by Manufacturer (2021-2026)
- 3.2 World Solid State Transformers (SST) Production by Manufacturer (2021-2026)
- 3.3 World Solid State Transformers (SST) Average Price by Manufacturer (2021-2026)
- 3.4 Solid State Transformers (SST) Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Solid State Transformers (SST) Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Solid State Transformers (SST) in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Solid State Transformers (SST) in 2025
- 3.6 Solid State Transformers (SST) Market: Overall Company Footprint Analysis
 - 3.6.1 Solid State Transformers (SST) Market: Region Footprint
 - 3.6.2 Solid State Transformers (SST) Market: Company Product Type Footprint
 - 3.6.3 Solid State Transformers (SST) Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Solid State Transformers (SST) Production Value Comparison
 - 4.1.1 United States VS China: Solid State Transformers (SST) Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Solid State Transformers (SST) Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Solid State Transformers (SST) Production Comparison
 - 4.2.1 United States VS China: Solid State Transformers (SST) Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Solid State Transformers (SST) Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Solid State Transformers (SST) Consumption Comparison
 - 4.3.1 United States VS China: Solid State Transformers (SST) Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Solid State Transformers (SST) Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Solid State Transformers (SST) Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Solid State Transformers (SST) Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Solid State Transformers (SST) Production Value (2021-2026)

4.4.3 United States Based Manufacturers Solid State Transformers (SST) Production (2021-2026)

4.5 China Based Solid State Transformers (SST) Manufacturers and Market Share

4.5.1 China Based Solid State Transformers (SST) Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Solid State Transformers (SST) Production Value (2021-2026)

4.5.3 China Based Manufacturers Solid State Transformers (SST) Production (2021-2026)

4.6 Rest of World Based Solid State Transformers (SST) Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Solid State Transformers (SST) Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Solid State Transformers (SST) Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Solid State Transformers (SST) Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Solid State Transformers (SST) Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Single-stage SST

5.2.2 Multi-stage SST

5.3 Market Segment by Type

5.3.1 World Solid State Transformers (SST) Production by Type (2021-2032)

5.3.2 World Solid State Transformers (SST) Production Value by Type (2021-2032)

5.3.3 World Solid State Transformers (SST) Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY VOLTAGE

6.1 World Solid State Transformers (SST) Market Size Overview by Voltage: 2021 VS

2025 VS 2032

6.2 Segment Introduction by Voltage

6.2.1 Low-voltage SST

6.2.2 Medium-voltage SST

6.2.3 High-voltage SST

6.3 Market Segment by Voltage

6.3.1 World Solid State Transformers (SST) Production by Voltage (2021-2032)

6.3.2 World Solid State Transformers (SST) Production Value by Voltage (2021-2032)

6.3.3 World Solid State Transformers (SST) Average Price by Voltage (2021-2032)

7 MARKET ANALYSIS BY PHASE

7.1 World Solid State Transformers (SST) Market Size Overview by Phase: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Phase

7.2.1 Single-phase SST

7.2.2 Three-phase SST

7.3 Market Segment by Phase

7.3.1 World Solid State Transformers (SST) Production by Phase (2021-2032)

7.3.2 World Solid State Transformers (SST) Production Value by Phase (2021-2032)

7.3.3 World Solid State Transformers (SST) Average Price by Phase (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Solid State Transformers (SST) Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Data Centers

8.2.2 Smart Grids

8.2.3 Others

8.3 Market Segment by Application

8.3.1 World Solid State Transformers (SST) Production by Application (2021-2032)

8.3.2 World Solid State Transformers (SST) Production Value by Application (2021-2032)

8.3.3 World Solid State Transformers (SST) Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Delta

- 9.1.1 Delta Details
- 9.1.2 Delta Major Business
- 9.1.3 Delta Solid State Transformers (SST) Product and Services
- 9.1.4 Delta Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 Delta Recent Developments/Updates
- 9.1.6 Delta Competitive Strengths & Weaknesses
- 9.2 Eaton
 - 9.2.1 Eaton Details
 - 9.2.2 Eaton Major Business
 - 9.2.3 Eaton Solid State Transformers (SST) Product and Services
 - 9.2.4 Eaton Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.2.5 Eaton Recent Developments/Updates
 - 9.2.6 Eaton Competitive Strengths & Weaknesses
- 9.3 Amperesand
 - 9.3.1 Amperesand Details
 - 9.3.2 Amperesand Major Business
 - 9.3.3 Amperesand Solid State Transformers (SST) Product and Services
 - 9.3.4 Amperesand Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Amperesand Recent Developments/Updates
 - 9.3.6 Amperesand Competitive Strengths & Weaknesses
- 9.4 WG Energy
 - 9.4.1 WG Energy Details
 - 9.4.2 WG Energy Major Business
 - 9.4.3 WG Energy Solid State Transformers (SST) Product and Services
 - 9.4.4 WG Energy Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 WG Energy Recent Developments/Updates
 - 9.4.6 WG Energy Competitive Strengths & Weaknesses
- 9.5 Sifang Automation
 - 9.5.1 Sifang Automation Details
 - 9.5.2 Sifang Automation Major Business
 - 9.5.3 Sifang Automation Solid State Transformers (SST) Product and Services
 - 9.5.4 Sifang Automation Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Sifang Automation Recent Developments/Updates
 - 9.5.6 Sifang Automation Competitive Strengths & Weaknesses

9.6 DG Matrix

9.6.1 DG Matrix Details

9.6.2 DG Matrix Major Business

9.6.3 DG Matrix Solid State Transformers (SST) Product and Services

9.6.4 DG Matrix Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 DG Matrix Recent Developments/Updates

9.6.6 DG Matrix Competitive Strengths & Weaknesses

9.7 China XD Electric

9.7.1 China XD Electric Details

9.7.2 China XD Electric Major Business

9.7.3 China XD Electric Solid State Transformers (SST) Product and Services

9.7.4 China XD Electric Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 China XD Electric Recent Developments/Updates

9.7.6 China XD Electric Competitive Strengths & Weaknesses

9.8 SolarEdge Technologies

9.8.1 SolarEdge Technologies Details

9.8.2 SolarEdge Technologies Major Business

9.8.3 SolarEdge Technologies Solid State Transformers (SST) Product and Services

9.8.4 SolarEdge Technologies Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 SolarEdge Technologies Recent Developments/Updates

9.8.6 SolarEdge Technologies Competitive Strengths & Weaknesses

9.9 Jinpan Smart Technology

9.9.1 Jinpan Smart Technology Details

9.9.2 Jinpan Smart Technology Major Business

9.9.3 Jinpan Smart Technology Solid State Transformers (SST) Product and Services

9.9.4 Jinpan Smart Technology Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Jinpan Smart Technology Recent Developments/Updates

9.9.6 Jinpan Smart Technology Competitive Strengths & Weaknesses

9.10 Heron Power

9.10.1 Heron Power Details

9.10.2 Heron Power Major Business

9.10.3 Heron Power Solid State Transformers (SST) Product and Services

9.10.4 Heron Power Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Heron Power Recent Developments/Updates

- 9.10.6 Heron Power Competitive Strengths & Weaknesses
- 9.11 Novos Power
 - 9.11.1 Novos Power Details
 - 9.11.2 Novos Power Major Business
 - 9.11.3 Novos Power Solid State Transformers (SST) Product and Services
 - 9.11.4 Novos Power Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Novos Power Recent Developments/Updates
 - 9.11.6 Novos Power Competitive Strengths & Weaknesses
- 9.12 Navitas Semiconductor
 - 9.12.1 Navitas Semiconductor Details
 - 9.12.2 Navitas Semiconductor Major Business
 - 9.12.3 Navitas Semiconductor Solid State Transformers (SST) Product and Services
 - 9.12.4 Navitas Semiconductor Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Navitas Semiconductor Recent Developments/Updates
 - 9.12.6 Navitas Semiconductor Competitive Strengths & Weaknesses
- 9.13 Infinity Flow
 - 9.13.1 Infinity Flow Details
 - 9.13.2 Infinity Flow Major Business
 - 9.13.3 Infinity Flow Solid State Transformers (SST) Product and Services
 - 9.13.4 Infinity Flow Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Infinity Flow Recent Developments/Updates
 - 9.13.6 Infinity Flow Competitive Strengths & Weaknesses
- 9.14 Hitachi Energy
 - 9.14.1 Hitachi Energy Details
 - 9.14.2 Hitachi Energy Major Business
 - 9.14.3 Hitachi Energy Solid State Transformers (SST) Product and Services
 - 9.14.4 Hitachi Energy Solid State Transformers (SST) Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Hitachi Energy Recent Developments/Updates
 - 9.14.6 Hitachi Energy Competitive Strengths & Weaknesses
- 9.15 Jiangsu Huachen Transformer
 - 9.15.1 Jiangsu Huachen Transformer Details
 - 9.15.2 Jiangsu Huachen Transformer Major Business
 - 9.15.3 Jiangsu Huachen Transformer Solid State Transformers (SST) Product and Services
 - 9.15.4 Jiangsu Huachen Transformer Solid State Transformers (SST) Production,

Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Jiangsu Huachen Transformer Recent Developments/Updates

9.15.6 Jiangsu Huachen Transformer Competitive Strengths & Weaknesses

9.16 Sungrow Power

9.16.1 Sungrow Power Details

9.16.2 Sungrow Power Major Business

9.16.3 Sungrow Power Solid State Transformers (SST) Product and Services

9.16.4 Sungrow Power Solid State Transformers (SST) Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.16.5 Sungrow Power Recent Developments/Updates

9.16.6 Sungrow Power Competitive Strengths & Weaknesses

9.17 Newonder Special Electric

9.17.1 Newonder Special Electric Details

9.17.2 Newonder Special Electric Major Business

9.17.3 Newonder Special Electric Solid State Transformers (SST) Product and

Services

9.17.4 Newonder Special Electric Solid State Transformers (SST) Production, Price,

Value, Gross Margin and Market Share (2021-2026)

9.17.5 Newonder Special Electric Recent Developments/Updates

9.17.6 Newonder Special Electric Competitive Strengths & Weaknesses

9.18 Kehua Data

9.18.1 Kehua Data Details

9.18.2 Kehua Data Major Business

9.18.3 Kehua Data Solid State Transformers (SST) Product and Services

9.18.4 Kehua Data Solid State Transformers (SST) Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.18.5 Kehua Data Recent Developments/Updates

9.18.6 Kehua Data Competitive Strengths & Weaknesses

9.19 Shenghong New Energy Equipment

9.19.1 Shenghong New Energy Equipment Details

9.19.2 Shenghong New Energy Equipment Major Business

9.19.3 Shenghong New Energy Equipment Solid State Transformers (SST) Product

and Services

9.19.4 Shenghong New Energy Equipment Solid State Transformers (SST)

Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.19.5 Shenghong New Energy Equipment Recent Developments/Updates

9.19.6 Shenghong New Energy Equipment Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Solid State Transformers (SST) Industry Chain
- 10.2 Solid State Transformers (SST) Upstream Analysis
 - 10.2.1 Solid State Transformers (SST) Core Raw Materials
 - 10.2.2 Main Manufacturers of Solid State Transformers (SST) Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Solid State Transformers (SST) Production Mode
- 10.6 Solid State Transformers (SST) Procurement Model
- 10.7 Solid State Transformers (SST) Industry Sales Model and Sales Channels
 - 10.7.1 Solid State Transformers (SST) Sales Model
 - 10.7.2 Solid State Transformers (SST) Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Solid State Transformers (SST) Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Solid State Transformers (SST) Production Value by Region (2021-2026) & (USD Million)

Table 3. World Solid State Transformers (SST) Production Value by Region (2027-2032) & (USD Million)

Table 4. World Solid State Transformers (SST) Production Value Market Share by Region (2021-2026)

Table 5. World Solid State Transformers (SST) Production Value Market Share by Region (2027-2032)

Table 6. World Solid State Transformers (SST) Production by Region (2021-2026) & (MW)

Table 7. World Solid State Transformers (SST) Production by Region (2027-2032) & (MW)

Table 8. World Solid State Transformers (SST) Production Market Share by Region (2021-2026)

Table 9. World Solid State Transformers (SST) Production Market Share by Region (2027-2032)

Table 10. World Solid State Transformers (SST) Average Price by Region (2021-2026) & (USD/KW)

Table 11. World Solid State Transformers (SST) Average Price by Region (2027-2032) & (USD/KW)

Table 12. Solid State Transformers (SST) Major Market Trends

Table 13. World Solid State Transformers (SST) Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (MW)

Table 14. World Solid State Transformers (SST) Consumption by Region (2021-2026) & (MW)

Table 15. World Solid State Transformers (SST) Consumption Forecast by Region (2027-2032) & (MW)

Table 16. World Solid State Transformers (SST) Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Solid State Transformers (SST) Producers in 2025

Table 18. World Solid State Transformers (SST) Production by Manufacturer (2021-2026) & (MW)

Table 19. Production Market Share of Key Solid State Transformers (SST) Producers in 2025

Table 20. World Solid State Transformers (SST) Average Price by Manufacturer (2021-2026) & (USD/KW)

Table 21. Global Solid State Transformers (SST) Company Evaluation Quadrant

Table 22. World Solid State Transformers (SST) Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Solid State Transformers (SST) Production Site of Key Manufacturer

Table 24. Solid State Transformers (SST) Market: Company Product Type Footprint

Table 25. Solid State Transformers (SST) Market: Company Product Application Footprint

Table 26. Solid State Transformers (SST) Competitive Factors

Table 27. Solid State Transformers (SST) New Entrant and Capacity Expansion Plans

Table 28. Solid State Transformers (SST) Mergers & Acquisitions Activity

Table 29. United States VS China Solid State Transformers (SST) Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Solid State Transformers (SST) Production Comparison, (2021 & 2025 & 2032) & (MW)

Table 31. United States VS China Solid State Transformers (SST) Consumption Comparison, (2021 & 2025 & 2032) & (MW)

Table 32. United States Based Solid State Transformers (SST) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Solid State Transformers (SST) Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Solid State Transformers (SST) Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Solid State Transformers (SST) Production (2021-2026) & (MW)

Table 36. United States Based Manufacturers Solid State Transformers (SST) Production Market Share (2021-2026)

Table 37. China Based Solid State Transformers (SST) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Solid State Transformers (SST) Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Solid State Transformers (SST) Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Solid State Transformers (SST) Production, (2021-2026) & (MW)

Table 41. China Based Manufacturers Solid State Transformers (SST) Production Market Share (2021-2026)

Table 42. Rest of World Based Solid State Transformers (SST) Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Solid State Transformers (SST) Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Solid State Transformers (SST) Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Solid State Transformers (SST) Production, (2021-2026) & (MW)

Table 46. Rest of World Based Manufacturers Solid State Transformers (SST) Production Market Share (2021-2026)

Table 47. World Solid State Transformers (SST) Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Solid State Transformers (SST) Production by Type (2021-2026) & (MW)

Table 49. World Solid State Transformers (SST) Production by Type (2027-2032) & (MW)

Table 50. World Solid State Transformers (SST) Production Value by Type (2021-2026) & (USD Million)

Table 51. World Solid State Transformers (SST) Production Value by Type (2027-2032) & (USD Million)

Table 52. World Solid State Transformers (SST) Average Price by Type (2021-2026) & (USD/KW)

Table 53. World Solid State Transformers (SST) Average Price by Type (2027-2032) & (USD/KW)

Table 54. World Solid State Transformers (SST) Production Value by Voltage, (USD Million), 2021 & 2025 & 2032

Table 55. World Solid State Transformers (SST) Production by Voltage (2021-2026) & (MW)

Table 56. World Solid State Transformers (SST) Production by Voltage (2027-2032) & (MW)

Table 57. World Solid State Transformers (SST) Production Value by Voltage (2021-2026) & (USD Million)

Table 58. World Solid State Transformers (SST) Production Value by Voltage (2027-2032) & (USD Million)

Table 59. World Solid State Transformers (SST) Average Price by Voltage (2021-2026) & (USD/KW)

Table 60. World Solid State Transformers (SST) Average Price by Voltage (2027-2032)

& (USD/KW)

Table 61. World Solid State Transformers (SST) Production Value by Phase, (USD Million), 2021 & 2025 & 2032

Table 62. World Solid State Transformers (SST) Production by Phase (2021-2026) & (MW)

Table 63. World Solid State Transformers (SST) Production by Phase (2027-2032) & (MW)

Table 64. World Solid State Transformers (SST) Production Value by Phase (2021-2026) & (USD Million)

Table 65. World Solid State Transformers (SST) Production Value by Phase (2027-2032) & (USD Million)

Table 66. World Solid State Transformers (SST) Average Price by Phase (2021-2026) & (USD/KW)

Table 67. World Solid State Transformers (SST) Average Price by Phase (2027-2032) & (USD/KW)

Table 68. World Solid State Transformers (SST) Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Solid State Transformers (SST) Production by Application (2021-2026) & (MW)

Table 70. World Solid State Transformers (SST) Production by Application (2027-2032) & (MW)

Table 71. World Solid State Transformers (SST) Production Value by Application (2021-2026) & (USD Million)

Table 72. World Solid State Transformers (SST) Production Value by Application (2027-2032) & (USD Million)

Table 73. World Solid State Transformers (SST) Average Price by Application (2021-2026) & (USD/KW)

Table 74. World Solid State Transformers (SST) Average Price by Application (2027-2032) & (USD/KW)

Table 75. Delta Basic Information, Manufacturing Base and Competitors

Table 76. Delta Major Business

Table 77. Delta Solid State Transformers (SST) Product and Services

Table 78. Delta Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Delta Recent Developments/Updates

Table 80. Delta Competitive Strengths & Weaknesses

Table 81. Eaton Basic Information, Manufacturing Base and Competitors

Table 82. Eaton Major Business

Table 83. Eaton Solid State Transformers (SST) Product and Services

Table 84. Eaton Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Eaton Recent Developments/Updates

Table 86. Eaton Competitive Strengths & Weaknesses

Table 87. Amperesand Basic Information, Manufacturing Base and Competitors

Table 88. Amperesand Major Business

Table 89. Amperesand Solid State Transformers (SST) Product and Services

Table 90. Amperesand Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Amperesand Recent Developments/Updates

Table 92. Amperesand Competitive Strengths & Weaknesses

Table 93. WG Energy Basic Information, Manufacturing Base and Competitors

Table 94. WG Energy Major Business

Table 95. WG Energy Solid State Transformers (SST) Product and Services

Table 96. WG Energy Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. WG Energy Recent Developments/Updates

Table 98. WG Energy Competitive Strengths & Weaknesses

Table 99. Sifang Automation Basic Information, Manufacturing Base and Competitors

Table 100. Sifang Automation Major Business

Table 101. Sifang Automation Solid State Transformers (SST) Product and Services

Table 102. Sifang Automation Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Sifang Automation Recent Developments/Updates

Table 104. Sifang Automation Competitive Strengths & Weaknesses

Table 105. DG Matrix Basic Information, Manufacturing Base and Competitors

Table 106. DG Matrix Major Business

Table 107. DG Matrix Solid State Transformers (SST) Product and Services

Table 108. DG Matrix Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. DG Matrix Recent Developments/Updates

Table 110. DG Matrix Competitive Strengths & Weaknesses

Table 111. China XD Electric Basic Information, Manufacturing Base and Competitors

Table 112. China XD Electric Major Business

Table 113. China XD Electric Solid State Transformers (SST) Product and Services

Table 114. China XD Electric Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. China XD Electric Recent Developments/Updates

Table 116. China XD Electric Competitive Strengths & Weaknesses

Table 117. SolarEdge Technologies Basic Information, Manufacturing Base and Competitors

Table 118. SolarEdge Technologies Major Business

Table 119. SolarEdge Technologies Solid State Transformers (SST) Product and Services

Table 120. SolarEdge Technologies Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. SolarEdge Technologies Recent Developments/Updates

Table 122. SolarEdge Technologies Competitive Strengths & Weaknesses

Table 123. Jinpan Smart Technology Basic Information, Manufacturing Base and Competitors

Table 124. Jinpan Smart Technology Major Business

Table 125. Jinpan Smart Technology Solid State Transformers (SST) Product and Services

Table 126. Jinpan Smart Technology Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Jinpan Smart Technology Recent Developments/Updates

Table 128. Jinpan Smart Technology Competitive Strengths & Weaknesses

Table 129. Heron Power Basic Information, Manufacturing Base and Competitors

Table 130. Heron Power Major Business

Table 131. Heron Power Solid State Transformers (SST) Product and Services

Table 132. Heron Power Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Heron Power Recent Developments/Updates

Table 134. Heron Power Competitive Strengths & Weaknesses

Table 135. Novos Power Basic Information, Manufacturing Base and Competitors

Table 136. Novos Power Major Business

Table 137. Novos Power Solid State Transformers (SST) Product and Services

Table 138. Novos Power Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Novos Power Recent Developments/Updates

Table 140. Novos Power Competitive Strengths & Weaknesses

Table 141. Navitas Semiconductor Basic Information, Manufacturing Base and Competitors

Table 142. Navitas Semiconductor Major Business

Table 143. Navitas Semiconductor Solid State Transformers (SST) Product and Services

Table 144. Navitas Semiconductor Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Navitas Semiconductor Recent Developments/Updates

Table 146. Navitas Semiconductor Competitive Strengths & Weaknesses

Table 147. Infinity Flow Basic Information, Manufacturing Base and Competitors

Table 148. Infinity Flow Major Business

Table 149. Infinity Flow Solid State Transformers (SST) Product and Services

Table 150. Infinity Flow Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Infinity Flow Recent Developments/Updates

Table 152. Infinity Flow Competitive Strengths & Weaknesses

Table 153. Hitachi Energy Basic Information, Manufacturing Base and Competitors

Table 154. Hitachi Energy Major Business

Table 155. Hitachi Energy Solid State Transformers (SST) Product and Services

Table 156. Hitachi Energy Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Hitachi Energy Recent Developments/Updates

Table 158. Hitachi Energy Competitive Strengths & Weaknesses

Table 159. Jiangsu Huachen Transformer Basic Information, Manufacturing Base and Competitors

Table 160. Jiangsu Huachen Transformer Major Business

Table 161. Jiangsu Huachen Transformer Solid State Transformers (SST) Product and Services

Table 162. Jiangsu Huachen Transformer Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Jiangsu Huachen Transformer Recent Developments/Updates

Table 164. Jiangsu Huachen Transformer Competitive Strengths & Weaknesses

Table 165. Sungrow Power Basic Information, Manufacturing Base and Competitors

Table 166. Sungrow Power Major Business

Table 167. Sungrow Power Solid State Transformers (SST) Product and Services

Table 168. Sungrow Power Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Sungrow Power Recent Developments/Updates

Table 170. Sungrow Power Competitive Strengths & Weaknesses

Table 171. Newonder Special Electric Basic Information, Manufacturing Base and Competitors

Table 172. Newonder Special Electric Major Business

Table 173. Newonder Special Electric Solid State Transformers (SST) Product and Services

Table 174. Newonder Special Electric Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Newonder Special Electric Recent Developments/Updates

Table 176. Newonder Special Electric Competitive Strengths & Weaknesses

Table 177. Kehua Data Basic Information, Manufacturing Base and Competitors

Table 178. Kehua Data Major Business

Table 179. Kehua Data Solid State Transformers (SST) Product and Services

Table 180. Kehua Data Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Kehua Data Recent Developments/Updates

Table 182. Kehua Data Competitive Strengths & Weaknesses

Table 183. Shenghong New Energy Equipment Basic Information, Manufacturing Base and Competitors

Table 184. Shenghong New Energy Equipment Major Business

Table 185. Shenghong New Energy Equipment Solid State Transformers (SST) Product and Services

Table 186. Shenghong New Energy Equipment Solid State Transformers (SST) Production (MW), Price (USD/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. Shenghong New Energy Equipment Recent Developments/Updates

Table 188. Shenghong New Energy Equipment Competitive Strengths & Weaknesses

Table 189. Global Key Players of Solid State Transformers (SST) Upstream (Raw Materials)

Table 190. Global Solid State Transformers (SST) Typical Customers

Table 191. Solid State Transformers (SST) Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Solid State Transformers (SST) Picture

Figure 2. World Solid State Transformers (SST) Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Solid State Transformers (SST) Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Solid State Transformers (SST) Production (2021-2032) & (MW)

Figure 5. World Solid State Transformers (SST) Average Price (2021-2032) & (USD/KW)

Figure 6. World Solid State Transformers (SST) Production Value Market Share by Region (2021-2032)

Figure 7. World Solid State Transformers (SST) Production Market Share by Region (2021-2032)

Figure 8. North America Solid State Transformers (SST) Production (2021-2032) & (MW)

Figure 9. Europe Solid State Transformers (SST) Production (2021-2032) & (MW)

Figure 10. China Solid State Transformers (SST) Production (2021-2032) & (MW)

Figure 11. Japan Solid State Transformers (SST) Production (2021-2032) & (MW)

Figure 12. Solid State Transformers (SST) Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Solid State Transformers (SST) Consumption (2021-2032) & (MW)

Figure 15. World Solid State Transformers (SST) Consumption Market Share by Region (2021-2032)

Figure 16. United States Solid State Transformers (SST) Consumption (2021-2032) & (MW)

Figure 17. China Solid State Transformers (SST) Consumption (2021-2032) & (MW)

Figure 18. Europe Solid State Transformers (SST) Consumption (2021-2032) & (MW)

Figure 19. Japan Solid State Transformers (SST) Consumption (2021-2032) & (MW)

Figure 20. South Korea Solid State Transformers (SST) Consumption (2021-2032) & (MW)

Figure 21. ASEAN Solid State Transformers (SST) Consumption (2021-2032) & (MW)

Figure 22. India Solid State Transformers (SST) Consumption (2021-2032) & (MW)

Figure 23. Producer Shipments of Solid State Transformers (SST) by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Solid State Transformers (SST) Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Solid State Transformers (SST) Markets in 2025

Figure 26. United States VS China: Solid State Transformers (SST) Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Solid State Transformers (SST) Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Solid State Transformers (SST) Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Solid State Transformers (SST) Production Market Share 2025

Figure 30. China Based Manufacturers Solid State Transformers (SST) Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Solid State Transformers (SST) Production Market Share 2025

Figure 32. World Solid State Transformers (SST) Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Solid State Transformers (SST) Production Value Market Share by Type in 2025

Figure 34. Single-stage SST

Figure 35. Multi-stage SST

Figure 36. World Solid State Transformers (SST) Production Market Share by Type (2021-2032)

Figure 37. World Solid State Transformers (SST) Production Value Market Share by Type (2021-2032)

Figure 38. World Solid State Transformers (SST) Average Price by Type (2021-2032) & (USD/KW)

Figure 39. World Solid State Transformers (SST) Production Value by Voltage, (USD Million), 2021 & 2025 & 2032

Figure 40. World Solid State Transformers (SST) Production Value Market Share by Voltage in 2025

Figure 41. Low-voltage SST

Figure 42. Medium-voltage SST

Figure 43. High-voltage SST

Figure 44. World Solid State Transformers (SST) Production Market Share by Voltage (2021-2032)

Figure 45. World Solid State Transformers (SST) Production Value Market Share by Voltage (2021-2032)

Figure 46. World Solid State Transformers (SST) Average Price by Voltage (2021-2032) & (USD/KW)

Figure 47. World Solid State Transformers (SST) Production Value by Phase, (USD Million), 2021 & 2025 & 2032

Figure 48. World Solid State Transformers (SST) Production Value Market Share by Phase in 2025

Figure 49. Single-phase SST

Figure 50. Three-phase SST

Figure 51. World Solid State Transformers (SST) Production Market Share by Phase (2021-2032)

Figure 52. World Solid State Transformers (SST) Production Value Market Share by Phase (2021-2032)

Figure 53. World Solid State Transformers (SST) Average Price by Phase (2021-2032) & (USD/KW)

Figure 54. World Solid State Transformers (SST) Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World Solid State Transformers (SST) Production Value Market Share by Application in 2025

Figure 56. Data Centers

Figure 57. Smart Grids

Figure 58. Others

Figure 59. World Solid State Transformers (SST) Production Market Share by Application (2021-2032)

Figure 60. World Solid State Transformers (SST) Production Value Market Share by Application (2021-2032)

Figure 61. World Solid State Transformers (SST) Average Price by Application (2021-2032) & (USD/KW)

Figure 62. Solid State Transformers (SST) Industry Chain

Figure 63. Solid State Transformers (SST) Procurement Model

Figure 64. Solid State Transformers (SST) Sales Model

Figure 65. Solid State Transformers (SST) Sales Channels, Direct Sales, and Distribution

Figure 66. Methodology

Figure 67. Research Process and Data Source

I would like to order

Product name: Global Solid State Transformers (SST) Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GB0A35C61BA9EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB0A35C61BA9EN.html>