

Global Solid-State Transformer (SST) for AIDC Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GFA77F362982EN.html>

Date: June 2026

Pages: 107

Price: US\$ 3,480.00 (Single User License)

ID: GFA77F362982EN

Abstracts

According to our (Global Info Research) latest study, the global Solid-State Transformer (SST) for AIDC market size was valued at US\$ 1752 million in 2025 and is forecast to a readjusted size of US\$ 4662 million by 2032 with a CAGR of 14.9% during review period.

Solid-State Transformer (SST) for AIDC is an advanced power conversion infrastructure designed for AI-driven data center environments, enabling high-frequency, digitally controlled voltage transformation and intelligent power distribution to support ultra-high-density computing loads with superior efficiency and stability. It replaces conventional transformers with power electronics-based architecture to enhance grid flexibility, dynamic load response, and system scalability while improving overall energy efficiency and operational reliability in large-scale computing facilities. Its advantages include high power density, fast voltage regulation, bidirectional energy flow capability, and strong compatibility with renewable and DC power systems. In 2025, production was approximately 2003 units and the average price was USD 850,000 per unit. The industry's capacity utilization rate in 2025 was about 70% and the average gross margin was around 30%. Upstream, the key inputs include silicon carbide power semiconductor devices and high-frequency nanocrystalline magnetic materials, with representative suppliers such as Wolfspeed, Infineon Technologies, ROHM Semiconductor, Hitachi Metals, and VAC providing critical enabling technologies and materials. The midstream segment focuses on system architecture design, high-frequency power conversion topology development, thermal and electromagnetic management, control algorithm design, system integration, and reliability validation, which determine conversion efficiency, stability, and grid adaptability. The downstream mainly targets AI-driven computing infrastructures, including containerized and building-

based computing centers, with representative clients including NVIDIA, Google, Microsoft, Amazon Web Services, Meta, Alibaba Cloud, and Tencent Cloud.

This report is a detailed and comprehensive analysis for global Solid-State Transformer (SST) for AIDC market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Solid-State Transformer (SST) for AIDC market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Solid-State Transformer (SST) for AIDC market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Solid-State Transformer (SST) for AIDC market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Solid-State Transformer (SST) for AIDC market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Solid-State Transformer (SST) for AIDC

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Solid-State Transformer (SST) for AIDC market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB (Switzerland), Siemens (Germany), GE (United States), Eaton (Ireland), Vertiv (United States), WindSun Science & Technology (China), Beijing Sifang Automation (China), Eaglerise Electric & Electronic (China), Delta Electronics (Taiwan), China XD Electric (China), etc.

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

Market Segmentation

Solid-State Transformer (SST) for AIDC market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

10-35kV

35-110kV

?110kV

Market segment by Topology Architecture

Three-Stage Topology

Two-Stage Topology

Market segment by Port Configuration

DC Solid-State Transformer

AC Solid-State Transformer

Others

Market segment by Application

Containerized Data Center

Building Data Center

Others

Major players covered

ABB (Switzerland)

Siemens (Germany)

GE (United States)

Eaton (Ireland)

Vertiv (United States)

WindSun Science & Technology (China)

Beijing Sifang Automation (China)

Eaglerise Electric & Electronic (China)

Delta Electronics (Taiwan)

China XD Electric (China)

Hainan Jinpan Smart Technology (China)

Hitachi (Japan)

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Solid-State Transformer (SST) for AIDC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Solid-State Transformer (SST) for AIDC, with price, sales quantity, revenue, and global market share of Solid-State Transformer (SST) for AIDC from 2021 to 2026.

Chapter 3, the Solid-State Transformer (SST) for AIDC competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Solid-State Transformer (SST) for AIDC breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Solid-State Transformer (SST) for AIDC market

forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Solid-State Transformer (SST) for AIDC.

Chapter 14 and 15, to describe Solid-State Transformer (SST) for AIDC sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Solid-State Transformer (SST) for AIDC Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 10-35kV

1.3.3 35-110kV

1.3.4 ?110kV

1.4 Market Analysis by Topology Architecture

1.4.1 Overview: Global Solid-State Transformer (SST) for AIDC Consumption Value by Topology Architecture: 2021 Versus 2025 Versus 2032

1.4.2 Three-Stage Topology

1.4.3 Two-Stage Topology

1.5 Market Analysis by Port Configuration

1.5.1 Overview: Global Solid-State Transformer (SST) for AIDC Consumption Value by Port Configuration: 2021 Versus 2025 Versus 2032

1.5.2 DC Solid-State Transformer

1.5.3 AC Solid-State Transformer

1.5.4 Others

1.6 Market Analysis by Application

1.6.1 Overview: Global Solid-State Transformer (SST) for AIDC Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Containerized Data Center

1.6.3 Building Data Center

1.6.4 Others

1.7 Global Solid-State Transformer (SST) for AIDC Market Size & Forecast

1.7.1 Global Solid-State Transformer (SST) for AIDC Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Solid-State Transformer (SST) for AIDC Sales Quantity (2021-2032)

1.7.3 Global Solid-State Transformer (SST) for AIDC Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 ABB (Switzerland)

2.1.1 ABB (Switzerland) Details

- 2.1.2 ABB (Switzerland) Major Business
- 2.1.3 ABB (Switzerland) Solid-State Transformer (SST) for AIDC Product and Services
- 2.1.4 ABB (Switzerland) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 ABB (Switzerland) Recent Developments/Updates
- 2.2 Siemens (Germany)
 - 2.2.1 Siemens (Germany) Details
 - 2.2.2 Siemens (Germany) Major Business
 - 2.2.3 Siemens (Germany) Solid-State Transformer (SST) for AIDC Product and Services
 - 2.2.4 Siemens (Germany) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Siemens (Germany) Recent Developments/Updates
- 2.3 GE (United States)
 - 2.3.1 GE (United States) Details
 - 2.3.2 GE (United States) Major Business
 - 2.3.3 GE (United States) Solid-State Transformer (SST) for AIDC Product and Services
 - 2.3.4 GE (United States) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 GE (United States) Recent Developments/Updates
- 2.4 Eaton (Ireland)
 - 2.4.1 Eaton (Ireland) Details
 - 2.4.2 Eaton (Ireland) Major Business
 - 2.4.3 Eaton (Ireland) Solid-State Transformer (SST) for AIDC Product and Services
 - 2.4.4 Eaton (Ireland) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Eaton (Ireland) Recent Developments/Updates
- 2.5 Vertiv (United States)
 - 2.5.1 Vertiv (United States) Details
 - 2.5.2 Vertiv (United States) Major Business
 - 2.5.3 Vertiv (United States) Solid-State Transformer (SST) for AIDC Product and Services
 - 2.5.4 Vertiv (United States) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Vertiv (United States) Recent Developments/Updates
- 2.6 WindSun Science & Technology (China)
 - 2.6.1 WindSun Science & Technology (China) Details
 - 2.6.2 WindSun Science & Technology (China) Major Business

2.6.3 WindSun Science & Technology (China) Solid-State Transformer (SST) for AIDC Product and Services

2.6.4 WindSun Science & Technology (China) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 WindSun Science & Technology (China) Recent Developments/Updates

2.7 Beijing Sifang Automation (China)

2.7.1 Beijing Sifang Automation (China) Details

2.7.2 Beijing Sifang Automation (China) Major Business

2.7.3 Beijing Sifang Automation (China) Solid-State Transformer (SST) for AIDC Product and Services

2.7.4 Beijing Sifang Automation (China) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Beijing Sifang Automation (China) Recent Developments/Updates

2.8 Eaglerise Electric & Electronic (China)

2.8.1 Eaglerise Electric & Electronic (China) Details

2.8.2 Eaglerise Electric & Electronic (China) Major Business

2.8.3 Eaglerise Electric & Electronic (China) Solid-State Transformer (SST) for AIDC Product and Services

2.8.4 Eaglerise Electric & Electronic (China) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Eaglerise Electric & Electronic (China) Recent Developments/Updates

2.9 Delta Electronics (Taiwan)

2.9.1 Delta Electronics (Taiwan) Details

2.9.2 Delta Electronics (Taiwan) Major Business

2.9.3 Delta Electronics (Taiwan) Solid-State Transformer (SST) for AIDC Product and Services

2.9.4 Delta Electronics (Taiwan) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Delta Electronics (Taiwan) Recent Developments/Updates

2.10 China XD Electric (China)

2.10.1 China XD Electric (China) Details

2.10.2 China XD Electric (China) Major Business

2.10.3 China XD Electric (China) Solid-State Transformer (SST) for AIDC Product and Services

2.10.4 China XD Electric (China) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 China XD Electric (China) Recent Developments/Updates

2.11 Hainan Jinpan Smart Technology (China)

2.11.1 Hainan Jinpan Smart Technology (China) Details

2.11.2 Hainan Jinpan Smart Technology (China) Major Business

2.11.3 Hainan Jinpan Smart Technology (China) Solid-State Transformer (SST) for AIDC Product and Services

2.11.4 Hainan Jinpan Smart Technology (China) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Hainan Jinpan Smart Technology (China) Recent Developments/Updates
2.12 Hitachi (Japan)

2.12.1 Hitachi (Japan) Details

2.12.2 Hitachi (Japan) Major Business

2.12.3 Hitachi (Japan) Solid-State Transformer (SST) for AIDC Product and Services

2.12.4 Hitachi (Japan) Solid-State Transformer (SST) for AIDC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Hitachi (Japan) Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SOLID-STATE TRANSFORMER (SST) FOR AIDC BY MANUFACTURER

3.1 Global Solid-State Transformer (SST) for AIDC Sales Quantity by Manufacturer (2021-2026)

3.2 Global Solid-State Transformer (SST) for AIDC Revenue by Manufacturer (2021-2026)

3.3 Global Solid-State Transformer (SST) for AIDC Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Solid-State Transformer (SST) for AIDC by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Solid-State Transformer (SST) for AIDC Manufacturer Market Share in 2025

3.4.3 Top 6 Solid-State Transformer (SST) for AIDC Manufacturer Market Share in 2025

3.5 Solid-State Transformer (SST) for AIDC Market: Overall Company Footprint Analysis

3.5.1 Solid-State Transformer (SST) for AIDC Market: Region Footprint

3.5.2 Solid-State Transformer (SST) for AIDC Market: Company Product Type Footprint

3.5.3 Solid-State Transformer (SST) for AIDC Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Solid-State Transformer (SST) for AIDC Market Size by Region

4.1.1 Global Solid-State Transformer (SST) for AIDC Sales Quantity by Region (2021-2032)

4.1.2 Global Solid-State Transformer (SST) for AIDC Consumption Value by Region (2021-2032)

4.1.3 Global Solid-State Transformer (SST) for AIDC Average Price by Region (2021-2032)

4.2 North America Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032)

4.3 Europe Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032)

4.4 Asia-Pacific Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032)

4.5 South America Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032)

4.6 Middle East & Africa Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2032)

5.2 Global Solid-State Transformer (SST) for AIDC Consumption Value by Type (2021-2032)

5.3 Global Solid-State Transformer (SST) for AIDC Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2032)

6.2 Global Solid-State Transformer (SST) for AIDC Consumption Value by Application (2021-2032)

6.3 Global Solid-State Transformer (SST) for AIDC Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2032)

7.2 North America Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2032)

7.3 North America Solid-State Transformer (SST) for AIDC Market Size by Country

7.3.1 North America Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2021-2032)

7.3.2 North America Solid-State Transformer (SST) for AIDC Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2032)

8.2 Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2032)

8.3 Europe Solid-State Transformer (SST) for AIDC Market Size by Country

8.3.1 Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2021-2032)

8.3.2 Europe Solid-State Transformer (SST) for AIDC Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Solid-State Transformer (SST) for AIDC Market Size by Region

9.3.1 Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Solid-State Transformer (SST) for AIDC Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2032)

10.2 South America Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2032)

10.3 South America Solid-State Transformer (SST) for AIDC Market Size by Country

10.3.1 South America Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2021-2032)

10.3.2 South America Solid-State Transformer (SST) for AIDC Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Solid-State Transformer (SST) for AIDC Market Size by Country

11.3.1 Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Solid-State Transformer (SST) for AIDC Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

- 12.1 Solid-State Transformer (SST) for AIDC Market Drivers
- 12.2 Solid-State Transformer (SST) for AIDC Market Restraints
- 12.3 Solid-State Transformer (SST) for AIDC Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Solid-State Transformer (SST) for AIDC and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Solid-State Transformer (SST) for AIDC
- 13.3 Solid-State Transformer (SST) for AIDC Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Solid-State Transformer (SST) for AIDC Typical Distributors
- 14.3 Solid-State Transformer (SST) for AIDC Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Solid-State Transformer (SST) for AIDC Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Solid-State Transformer (SST) for AIDC Consumption Value by Topology Architecture, (USD Million), 2021 & 2025 & 2032

Table 3. Global Solid-State Transformer (SST) for AIDC Consumption Value by Port Configuration, (USD Million), 2021 & 2025 & 2032

Table 4. Global Solid-State Transformer (SST) for AIDC Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. ABB (Switzerland) Basic Information, Manufacturing Base and Competitors

Table 6. ABB (Switzerland) Major Business

Table 7. ABB (Switzerland) Solid-State Transformer (SST) for AIDC Product and Services

Table 8. ABB (Switzerland) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. ABB (Switzerland) Recent Developments/Updates

Table 10. Siemens (Germany) Basic Information, Manufacturing Base and Competitors

Table 11. Siemens (Germany) Major Business

Table 12. Siemens (Germany) Solid-State Transformer (SST) for AIDC Product and Services

Table 13. Siemens (Germany) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Siemens (Germany) Recent Developments/Updates

Table 15. GE (United States) Basic Information, Manufacturing Base and Competitors

Table 16. GE (United States) Major Business

Table 17. GE (United States) Solid-State Transformer (SST) for AIDC Product and Services

Table 18. GE (United States) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. GE (United States) Recent Developments/Updates

Table 20. Eaton (Ireland) Basic Information, Manufacturing Base and Competitors

Table 21. Eaton (Ireland) Major Business

Table 22. Eaton (Ireland) Solid-State Transformer (SST) for AIDC Product and Services

Table 23. Eaton (Ireland) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Eaton (Ireland) Recent Developments/Updates

Table 25. Vertiv (United States) Basic Information, Manufacturing Base and Competitors

Table 26. Vertiv (United States) Major Business

Table 27. Vertiv (United States) Solid-State Transformer (SST) for AIDC Product and Services

Table 28. Vertiv (United States) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Vertiv (United States) Recent Developments/Updates

Table 30. WindSun Science & Technology (China) Basic Information, Manufacturing Base and Competitors

Table 31. WindSun Science & Technology (China) Major Business

Table 32. WindSun Science & Technology (China) Solid-State Transformer (SST) for AIDC Product and Services

Table 33. WindSun Science & Technology (China) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. WindSun Science & Technology (China) Recent Developments/Updates

Table 35. Beijing Sifang Automation (China) Basic Information, Manufacturing Base and Competitors

Table 36. Beijing Sifang Automation (China) Major Business

Table 37. Beijing Sifang Automation (China) Solid-State Transformer (SST) for AIDC Product and Services

Table 38. Beijing Sifang Automation (China) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Beijing Sifang Automation (China) Recent Developments/Updates

Table 40. Eaglerise Electric & Electronic (China) Basic Information, Manufacturing Base and Competitors

Table 41. Eaglerise Electric & Electronic (China) Major Business

Table 42. Eaglerise Electric & Electronic (China) Solid-State Transformer (SST) for AIDC Product and Services

Table 43. Eaglerise Electric & Electronic (China) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Eaglerise Electric & Electronic (China) Recent Developments/Updates

Table 45. Delta Electronics (Taiwan) Basic Information, Manufacturing Base and Competitors

Table 46. Delta Electronics (Taiwan) Major Business

Table 47. Delta Electronics (Taiwan) Solid-State Transformer (SST) for AIDC Product and Services

Table 48. Delta Electronics (Taiwan) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Delta Electronics (Taiwan) Recent Developments/Updates

Table 50. China XD Electric (China) Basic Information, Manufacturing Base and Competitors

Table 51. China XD Electric (China) Major Business

Table 52. China XD Electric (China) Solid-State Transformer (SST) for AIDC Product and Services

Table 53. China XD Electric (China) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. China XD Electric (China) Recent Developments/Updates

Table 55. Hainan Jinpan Smart Technology (China) Basic Information, Manufacturing Base and Competitors

Table 56. Hainan Jinpan Smart Technology (China) Major Business

Table 57. Hainan Jinpan Smart Technology (China) Solid-State Transformer (SST) for AIDC Product and Services

Table 58. Hainan Jinpan Smart Technology (China) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Hainan Jinpan Smart Technology (China) Recent Developments/Updates

Table 60. Hitachi (Japan) Basic Information, Manufacturing Base and Competitors

Table 61. Hitachi (Japan) Major Business

Table 62. Hitachi (Japan) Solid-State Transformer (SST) for AIDC Product and Services

Table 63. Hitachi (Japan) Solid-State Transformer (SST) for AIDC Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Hitachi (Japan) Recent Developments/Updates

Table 65. Global Solid-State Transformer (SST) for AIDC Sales Quantity by Manufacturer (2021-2026) & (Units)

Table 66. Global Solid-State Transformer (SST) for AIDC Revenue by Manufacturer (2021-2026) & (USD Million)

Table 67. Global Solid-State Transformer (SST) for AIDC Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 68. Market Position of Manufacturers in Solid-State Transformer (SST) for AIDC, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 69. Head Office and Solid-State Transformer (SST) for AIDC Production Site of Key Manufacturer

Table 70. Solid-State Transformer (SST) for AIDC Market: Company Product Type Footprint

Table 71. Solid-State Transformer (SST) for AIDC Market: Company Product Application Footprint

Table 72. Solid-State Transformer (SST) for AIDC New Market Entrants and Barriers to Market Entry

Table 73. Solid-State Transformer (SST) for AIDC Mergers, Acquisition, Agreements, and Collaborations

Table 74. Global Solid-State Transformer (SST) for AIDC Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 75. Global Solid-State Transformer (SST) for AIDC Sales Quantity by Region (2021-2026) & (Units)

Table 76. Global Solid-State Transformer (SST) for AIDC Sales Quantity by Region (2027-2032) & (Units)

Table 77. Global Solid-State Transformer (SST) for AIDC Consumption Value by Region (2021-2026) & (USD Million)

Table 78. Global Solid-State Transformer (SST) for AIDC Consumption Value by Region (2027-2032) & (USD Million)

Table 79. Global Solid-State Transformer (SST) for AIDC Average Price by Region (2021-2026) & (US\$/Unit)

Table 80. Global Solid-State Transformer (SST) for AIDC Average Price by Region (2027-2032) & (US\$/Unit)

Table 81. Global Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2026) & (Units)

Table 82. Global Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2027-2032) & (Units)

Table 83. Global Solid-State Transformer (SST) for AIDC Consumption Value by Type (2021-2026) & (USD Million)

Table 84. Global Solid-State Transformer (SST) for AIDC Consumption Value by Type (2027-2032) & (USD Million)

Table 85. Global Solid-State Transformer (SST) for AIDC Average Price by Type (2021-2026) & (US\$/Unit)

Table 86. Global Solid-State Transformer (SST) for AIDC Average Price by Type

(2027-2032) & (US\$/Unit)

Table 87. Global Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2026) & (Units)

Table 88. Global Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2027-2032) & (Units)

Table 89. Global Solid-State Transformer (SST) for AIDC Consumption Value by Application (2021-2026) & (USD Million)

Table 90. Global Solid-State Transformer (SST) for AIDC Consumption Value by Application (2027-2032) & (USD Million)

Table 91. Global Solid-State Transformer (SST) for AIDC Average Price by Application (2021-2026) & (US\$/Unit)

Table 92. Global Solid-State Transformer (SST) for AIDC Average Price by Application (2027-2032) & (US\$/Unit)

Table 93. North America Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2026) & (Units)

Table 94. North America Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2027-2032) & (Units)

Table 95. North America Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2026) & (Units)

Table 96. North America Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2027-2032) & (Units)

Table 97. North America Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2021-2026) & (Units)

Table 98. North America Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2027-2032) & (Units)

Table 99. North America Solid-State Transformer (SST) for AIDC Consumption Value by Country (2021-2026) & (USD Million)

Table 100. North America Solid-State Transformer (SST) for AIDC Consumption Value by Country (2027-2032) & (USD Million)

Table 101. Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2026) & (Units)

Table 102. Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2027-2032) & (Units)

Table 103. Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2026) & (Units)

Table 104. Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2027-2032) & (Units)

Table 105. Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2021-2026) & (Units)

Table 106. Europe Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2027-2032) & (Units)

Table 107. Europe Solid-State Transformer (SST) for AIDC Consumption Value by Country (2021-2026) & (USD Million)

Table 108. Europe Solid-State Transformer (SST) for AIDC Consumption Value by Country (2027-2032) & (USD Million)

Table 109. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2026) & (Units)

Table 110. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2027-2032) & (Units)

Table 111. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2026) & (Units)

Table 112. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2027-2032) & (Units)

Table 113. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Region (2021-2026) & (Units)

Table 114. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity by Region (2027-2032) & (Units)

Table 115. Asia-Pacific Solid-State Transformer (SST) for AIDC Consumption Value by Region (2021-2026) & (USD Million)

Table 116. Asia-Pacific Solid-State Transformer (SST) for AIDC Consumption Value by Region (2027-2032) & (USD Million)

Table 117. South America Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2021-2026) & (Units)

Table 118. South America Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2027-2032) & (Units)

Table 119. South America Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2026) & (Units)

Table 120. South America Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2027-2032) & (Units)

Table 121. South America Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2021-2026) & (Units)

Table 122. South America Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2027-2032) & (Units)

Table 123. South America Solid-State Transformer (SST) for AIDC Consumption Value by Country (2021-2026) & (USD Million)

Table 124. South America Solid-State Transformer (SST) for AIDC Consumption Value by Country (2027-2032) & (USD Million)

Table 125. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity

by Type (2021-2026) & (Units)

Table 126. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity by Type (2027-2032) & (Units)

Table 127. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2021-2026) & (Units)

Table 128. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity by Application (2027-2032) & (Units)

Table 129. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2021-2026) & (Units)

Table 130. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity by Country (2027-2032) & (Units)

Table 131. Middle East & Africa Solid-State Transformer (SST) for AIDC Consumption Value by Country (2021-2026) & (USD Million)

Table 132. Middle East & Africa Solid-State Transformer (SST) for AIDC Consumption Value by Country (2027-2032) & (USD Million)

Table 133. Solid-State Transformer (SST) for AIDC Raw Material

Table 134. Key Manufacturers of Solid-State Transformer (SST) for AIDC Raw Materials

Table 135. Solid-State Transformer (SST) for AIDC Typical Distributors

Table 136. Solid-State Transformer (SST) for AIDC Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Solid-State Transformer (SST) for AIDC Picture
- Figure 2. Global Solid-State Transformer (SST) for AIDC Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Solid-State Transformer (SST) for AIDC Revenue Market Share by Type in 2025
- Figure 4. 10-35kV Examples
- Figure 5. 35-110kV Examples
- Figure 6. >110kV Examples
- Figure 7. Global Solid-State Transformer (SST) for AIDC Revenue by Topology Architecture, (USD Million), 2021 & 2025 & 2032
- Figure 8. Global Solid-State Transformer (SST) for AIDC Revenue Market Share by Topology Architecture in 2025
- Figure 9. Three-Stage Topology Examples
- Figure 10. Two-Stage Topology Examples
- Figure 11. Global Solid-State Transformer (SST) for AIDC Revenue by Port Configuration, (USD Million), 2021 & 2025 & 2032
- Figure 12. Global Solid-State Transformer (SST) for AIDC Revenue Market Share by Port Configuration in 2025
- Figure 13. DC Solid-State Transformer Examples
- Figure 14. AC Solid-State Transformer Examples
- Figure 15. Others Examples
- Figure 16. Global Solid-State Transformer (SST) for AIDC Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 17. Global Solid-State Transformer (SST) for AIDC Revenue Market Share by Application in 2025
- Figure 18. Containerized Data Center Examples
- Figure 19. Building Data Center Examples
- Figure 20. Others Examples
- Figure 21. Global Solid-State Transformer (SST) for AIDC Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 22. Global Solid-State Transformer (SST) for AIDC Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 23. Global Solid-State Transformer (SST) for AIDC Sales Quantity (2021-2032) & (Units)
- Figure 24. Global Solid-State Transformer (SST) for AIDC Price (2021-2032) &

(US\$/Unit)

Figure 25. Global Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Manufacturer in 2025

Figure 26. Global Solid-State Transformer (SST) for AIDC Revenue Market Share by Manufacturer in 2025

Figure 27. Producer Shipments of Solid-State Transformer (SST) for AIDC by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 28. Top 3 Solid-State Transformer (SST) for AIDC Manufacturer (Revenue) Market Share in 2025

Figure 29. Top 6 Solid-State Transformer (SST) for AIDC Manufacturer (Revenue) Market Share in 2025

Figure 30. Global Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Region (2021-2032)

Figure 31. Global Solid-State Transformer (SST) for AIDC Consumption Value Market Share by Region (2021-2032)

Figure 32. North America Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 33. Europe Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 34. Asia-Pacific Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 35. South America Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 36. Middle East & Africa Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 37. Global Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Type (2021-2032)

Figure 38. Global Solid-State Transformer (SST) for AIDC Consumption Value Market Share by Type (2021-2032)

Figure 39. Global Solid-State Transformer (SST) for AIDC Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. Global Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Application (2021-2032)

Figure 41. Global Solid-State Transformer (SST) for AIDC Revenue Market Share by Application (2021-2032)

Figure 42. Global Solid-State Transformer (SST) for AIDC Average Price by Application (2021-2032) & (US\$/Unit)

Figure 43. North America Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Type (2021-2032)

Figure 44. North America Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Application (2021-2032)

Figure 45. North America Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Country (2021-2032)

Figure 46. North America Solid-State Transformer (SST) for AIDC Consumption Value Market Share by Country (2021-2032)

Figure 47. United States Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 48. Canada Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 49. Mexico Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 50. Europe Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Type (2021-2032)

Figure 51. Europe Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Application (2021-2032)

Figure 52. Europe Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Country (2021-2032)

Figure 53. Europe Solid-State Transformer (SST) for AIDC Consumption Value Market Share by Country (2021-2032)

Figure 54. Germany Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 55. France Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 56. United Kingdom Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 57. Russia Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 58. Italy Solid-State Transformer (SST) for AIDC Consumption Value (2021-2032) & (USD Million)

Figure 59. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Type (2021-2032)

Figure 60. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Application (2021-2032)

Figure 61. Asia-Pacific Solid-State Transformer (SST) for AIDC Sales Quantity Market Share by Region (2021-2032)

Figure 62. Asia-Pacific Solid-State Transformer (SST) for AIDC Consumption Value Market Share by Region (2021-2032)

Figure 63. China Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 64. Japan Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 65. South Korea Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 66. India Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 67. Southeast Asia Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 68. Australia Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 69. South America Solid-State Transformer (SST) for AIDC Sales Quantity

Market Share by Type (2021-2032)

Figure 70. South America Solid-State Transformer (SST) for AIDC Sales Quantity

Market Share by Application (2021-2032)

Figure 71. South America Solid-State Transformer (SST) for AIDC Sales Quantity

Market Share by Country (2021-2032)

Figure 72. South America Solid-State Transformer (SST) for AIDC Consumption Value

Market Share by Country (2021-2032)

Figure 73. Brazil Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 74. Argentina Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 75. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity

Market Share by Type (2021-2032)

Figure 76. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity

Market Share by Application (2021-2032)

Figure 77. Middle East & Africa Solid-State Transformer (SST) for AIDC Sales Quantity

Market Share by Country (2021-2032)

Figure 78. Middle East & Africa Solid-State Transformer (SST) for AIDC Consumption

Value Market Share by Country (2021-2032)

Figure 79. Turkey Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 80. Egypt Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 81. Saudi Arabia Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 82. South Africa Solid-State Transformer (SST) for AIDC Consumption Value

(2021-2032) & (USD Million)

Figure 83. Solid-State Transformer (SST) for AIDC Market Drivers

Figure 84. Solid-State Transformer (SST) for AIDC Market Restraints

Figure 85. Solid-State Transformer (SST) for AIDC Market Trends

Figure 86. Porters Five Forces Analysis

Figure 87. Manufacturing Cost Structure Analysis of Solid-State Transformer (SST) for AIDC in 2025

Figure 88. Manufacturing Process Analysis of Solid-State Transformer (SST) for AIDC

Figure 89. Solid-State Transformer (SST) for AIDC Industrial Chain

Figure 90. Sales Channel: Direct to End-User vs Distributors

Figure 91. Direct Channel Pros & Cons

Figure 92. Indirect Channel Pros & Cons

Figure 93. Methodology

Figure 94. Research Process and Data Source

I would like to order

Product name: Global Solid-State Transformer (SST) for AIDC Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GFA77F362982EN.html>

Price: US\$ 3,480.00 (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/GFA77F362982EN.html>