

Global Single-Phase String Grid-Connected Photovoltaic Inverter Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G8CBC977175EEN.html>

Date: November 2023

Pages: 119

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

ID: G8CBC977175EEN

Abstracts

The global Single-Phase String Grid-Connected Photovoltaic Inverter market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The single-phase string grid-connected photovoltaic inverter is a device used in solar photovoltaic power generation systems to convert DC power into AC power and integrate it into the grid. The main functions of single-phase string-connected photovoltaic inverters include: 1. DC to AC conversion: The DC power generated by the photovoltaic panels is converted by the inverter into AC power to adapt to the power supply requirements of the grid. 2. Maximum power point tracking: The inverter can adjust the working point in real time according to the working status of the photovoltaic panels and environmental conditions to obtain the maximum power generation. 3. Grid connection function: The inverter integrates the converted AC power into the power grid for use by users, and can realize the monitoring and protection functions of the power grid. 4. Data collection and monitoring: The inverter can collect the working data of the photovoltaic power generation system, including power generation, voltage, current and other parameters, and transmit these data to the monitoring system through the communication interface to monitor and manage the operating status of the system. . Single-phase string grid-connected photovoltaic inverters are usually suitable for home and small commercial photovoltaic power generation systems. They are characterized by simple structure, easy installation, and stable operation. They can efficiently integrate the power generated by the solar photovoltaic power generation system into the power grid. Realize the utilization and power supply of clean energy.

This report studies the global Single-Phase String Grid-Connected Photovoltaic Inverter

production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Single-Phase String Grid-Connected Photovoltaic Inverter, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Single-Phase String Grid-Connected Photovoltaic Inverter that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Single-Phase String Grid-Connected Photovoltaic Inverter total production and demand, 2018-2029, (K Units)

Global Single-Phase String Grid-Connected Photovoltaic Inverter total production value, 2018-2029, (USD Million)

Global Single-Phase String Grid-Connected Photovoltaic Inverter production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Single-Phase String Grid-Connected Photovoltaic Inverter consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Single-Phase String Grid-Connected Photovoltaic Inverter domestic production, consumption, key domestic manufacturers and share

Global Single-Phase String Grid-Connected Photovoltaic Inverter production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Single-Phase String Grid-Connected Photovoltaic Inverter production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Single-Phase String Grid-Connected Photovoltaic Inverter production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Single-Phase String Grid-Connected Photovoltaic Inverter 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 Huawei Technologies Co. Ltd, Sungrow Power Supply Co Ltd, SMA Solar Technology AG, SolarEdge Technologies Inc, TBEA Xinjiang SunOasis Co., Ltd., Fimer, Delta Energy Systems Inc., Kstar New Energy Co. Ltd and Sineng Electric Co. Ltd, 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 Single-Phase String Grid-Connected Photovoltaic Inverter market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Single-Phase String Grid-Connected Photovoltaic Inverter Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Single-Phase String Grid-Connected Photovoltaic Inverter Market, Segmentation by Type

Central Inverter

Line Inverter

Global Single-Phase String Grid-Connected Photovoltaic Inverter Market, Segmentation by Application

PV Industry

Agriculture

Achitechive

Others

Companies Profiled:

Huawei Technologies Co. Ltd

Sungrow Power Supply Co Ltd

SMA Solar Technology AG

SolarEdge Technologies Inc

TBEA Xinjiang SunOasis Co., Ltd.

Fimer

Delta Energy Systems Inc.

Kstar New Energy Co. Ltd

Sineng Electric Co. Ltd

Enphase Energy Inc.

ABB Ltd

Goodwe

Fronius

Growatt

Solis

Key Questions Answered

1. How big is the global Single-Phase String Grid-Connected Photovoltaic Inverter market?

2. What is the demand of the global Single-Phase String Grid-Connected Photovoltaic Inverter market?

3. What is the year over year growth of the global Single-Phase String Grid-Connected Photovoltaic Inverter market?

4. What is the production and production value of the global Single-Phase String Grid-Connected Photovoltaic Inverter market?

5. Who are the key producers in the global Single-Phase String Grid-Connected Photovoltaic Inverter market?

Contents

1 SUPPLY SUMMARY

- 1.1 Single-Phase String Grid-Connected Photovoltaic Inverter Introduction
- 1.2 World Single-Phase String Grid-Connected Photovoltaic Inverter Supply & Forecast
 - 1.2.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029)
 - 1.2.3 World Single-Phase String Grid-Connected Photovoltaic Inverter Pricing Trends (2018-2029)
- 1.3 World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Region (Based on Production Site)
 - 1.3.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Region (2018-2029)
 - 1.3.2 World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Region (2018-2029)
 - 1.3.3 World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Region (2018-2029)
 - 1.3.4 North America Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029)
 - 1.3.5 Europe Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029)
 - 1.3.6 China Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029)
 - 1.3.7 Japan Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Single-Phase String Grid-Connected Photovoltaic Inverter Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Single-Phase String Grid-Connected Photovoltaic Inverter Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Demand (2018-2029)
- 2.2 World Single-Phase String Grid-Connected Photovoltaic Inverter Consumption by Region

2.2.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Consumption by Region (2018-2023)

2.2.2 World Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Forecast by Region (2024-2029)

2.3 United States Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029)

2.4 China Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029)

2.5 Europe Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029)

2.6 Japan Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029)

2.7 South Korea Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029)

2.8 ASEAN Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029)

2.9 India Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029)

3 WORLD SINGLE-PHASE STRING GRID-CONNECTED PHOTOVOLTAIC INVERTER MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Manufacturer (2018-2023)

3.2 World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Manufacturer (2018-2023)

3.3 World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Manufacturer (2018-2023)

3.4 Single-Phase String Grid-Connected Photovoltaic Inverter Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Single-Phase String Grid-Connected Photovoltaic Inverter Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Single-Phase String Grid-Connected Photovoltaic Inverter in 2022

3.5.3 Global Concentration Ratios (CR8) for Single-Phase String Grid-Connected Photovoltaic Inverter in 2022

3.6 Single-Phase String Grid-Connected Photovoltaic Inverter Market: Overall Company Footprint Analysis

3.6.1 Single-Phase String Grid-Connected Photovoltaic Inverter Market: Region Footprint

3.6.2 Single-Phase String Grid-Connected Photovoltaic Inverter Market: Company Product Type Footprint

3.6.3 Single-Phase String Grid-Connected Photovoltaic Inverter 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: Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Comparison

4.1.1 United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Production Comparison

4.2.1 United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Comparison

4.3.1 United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value (2018-2023)

4.4.3 United States Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2023)

4.5 China Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers and Market Share

4.5.1 China Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value (2018-2023)

4.5.3 China Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2023)

4.6 Rest of World Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Central Inverter

5.2.2 Line Inverter

5.3 Market Segment by Type

5.3.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Type (2018-2029)

5.3.2 World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Type (2018-2029)

5.3.3 World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 PV Industry

6.2.2 Agriculture

6.2.3 Architecture

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Application (2018-2029)

6.3.2 World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Application (2018-2029)

6.3.3 World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Huawei Technologies Co. Ltd

7.1.1 Huawei Technologies Co. Ltd Details

7.1.2 Huawei Technologies Co. Ltd Major Business

7.1.3 Huawei Technologies Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.1.4 Huawei Technologies Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Huawei Technologies Co. Ltd Recent Developments/Updates

7.1.6 Huawei Technologies Co. Ltd Competitive Strengths & Weaknesses

7.2 Sungrow Power Supply Co Ltd

7.2.1 Sungrow Power Supply Co Ltd Details

7.2.2 Sungrow Power Supply Co Ltd Major Business

7.2.3 Sungrow Power Supply Co Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.2.4 Sungrow Power Supply Co Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Sungrow Power Supply Co Ltd Recent Developments/Updates

7.2.6 Sungrow Power Supply Co Ltd Competitive Strengths & Weaknesses

7.3 SMA Solar Technology AG

7.3.1 SMA Solar Technology AG Details

7.3.2 SMA Solar Technology AG Major Business

7.3.3 SMA Solar Technology AG Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.3.4 SMA Solar Technology AG Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.3.5 SMA Solar Technology AG Recent Developments/Updates
- 7.3.6 SMA Solar Technology AG Competitive Strengths & Weaknesses
- 7.4 SolarEdge Technologies Inc
 - 7.4.1 SolarEdge Technologies Inc Details
 - 7.4.2 SolarEdge Technologies Inc Major Business
 - 7.4.3 SolarEdge Technologies Inc Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
 - 7.4.4 SolarEdge Technologies Inc Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 SolarEdge Technologies Inc Recent Developments/Updates
 - 7.4.6 SolarEdge Technologies Inc Competitive Strengths & Weaknesses
- 7.5 TBEA Xinjiang SunOasis Co., Ltd.
 - 7.5.1 TBEA Xinjiang SunOasis Co., Ltd. Details
 - 7.5.2 TBEA Xinjiang SunOasis Co., Ltd. Major Business
 - 7.5.3 TBEA Xinjiang SunOasis Co., Ltd. Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
 - 7.5.4 TBEA Xinjiang SunOasis Co., Ltd. Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 TBEA Xinjiang SunOasis Co., Ltd. Recent Developments/Updates
 - 7.5.6 TBEA Xinjiang SunOasis Co., Ltd. Competitive Strengths & Weaknesses
- 7.6 Fimer
 - 7.6.1 Fimer Details
 - 7.6.2 Fimer Major Business
 - 7.6.3 Fimer Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
 - 7.6.4 Fimer Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Fimer Recent Developments/Updates
 - 7.6.6 Fimer Competitive Strengths & Weaknesses
- 7.7 Delta Energy Systems Inc.
 - 7.7.1 Delta Energy Systems Inc. Details
 - 7.7.2 Delta Energy Systems Inc. Major Business
 - 7.7.3 Delta Energy Systems Inc. Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
 - 7.7.4 Delta Energy Systems Inc. Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Delta Energy Systems Inc. Recent Developments/Updates
 - 7.7.6 Delta Energy Systems Inc. Competitive Strengths & Weaknesses

7.8 Kstar New Energy Co. Ltd

7.8.1 Kstar New Energy Co. Ltd Details

7.8.2 Kstar New Energy Co. Ltd Major Business

7.8.3 Kstar New Energy Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.8.4 Kstar New Energy Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Kstar New Energy Co. Ltd Recent Developments/Updates

7.8.6 Kstar New Energy Co. Ltd Competitive Strengths & Weaknesses

7.9 Sineng Electric Co. Ltd

7.9.1 Sineng Electric Co. Ltd Details

7.9.2 Sineng Electric Co. Ltd Major Business

7.9.3 Sineng Electric Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.9.4 Sineng Electric Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Sineng Electric Co. Ltd Recent Developments/Updates

7.9.6 Sineng Electric Co. Ltd Competitive Strengths & Weaknesses

7.10 Enphase Energy Inc.

7.10.1 Enphase Energy Inc. Details

7.10.2 Enphase Energy Inc. Major Business

7.10.3 Enphase Energy Inc. Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.10.4 Enphase Energy Inc. Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Enphase Energy Inc. Recent Developments/Updates

7.10.6 Enphase Energy Inc. Competitive Strengths & Weaknesses

7.11 ABB Ltd

7.11.1 ABB Ltd Details

7.11.2 ABB Ltd Major Business

7.11.3 ABB Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.11.4 ABB Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 ABB Ltd Recent Developments/Updates

7.11.6 ABB Ltd Competitive Strengths & Weaknesses

7.12 Goodwe

7.12.1 Goodwe Details

7.12.2 Goodwe Major Business

7.12.3 Goodwe Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.12.4 Goodwe Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Goodwe Recent Developments/Updates

7.12.6 Goodwe Competitive Strengths & Weaknesses

7.13 Fronius

7.13.1 Fronius Details

7.13.2 Fronius Major Business

7.13.3 Fronius Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.13.4 Fronius Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Fronius Recent Developments/Updates

7.13.6 Fronius Competitive Strengths & Weaknesses

7.14 Growatt

7.14.1 Growatt Details

7.14.2 Growatt Major Business

7.14.3 Growatt Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.14.4 Growatt Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Growatt Recent Developments/Updates

7.14.6 Growatt Competitive Strengths & Weaknesses

7.15 Solis

7.15.1 Solis Details

7.15.2 Solis Major Business

7.15.3 Solis Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

7.15.4 Solis Single-Phase String Grid-Connected Photovoltaic Inverter Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 Solis Recent Developments/Updates

7.15.6 Solis Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Single-Phase String Grid-Connected Photovoltaic Inverter Industry Chain

8.2 Single-Phase String Grid-Connected Photovoltaic Inverter Upstream Analysis

8.2.1 Single-Phase String Grid-Connected Photovoltaic Inverter Core Raw Materials

8.2.2 Main Manufacturers of Single-Phase String Grid-Connected Photovoltaic Inverter
Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Single-Phase String Grid-Connected Photovoltaic Inverter Production Mode

8.6 Single-Phase String Grid-Connected Photovoltaic Inverter Procurement Model

8.7 Single-Phase String Grid-Connected Photovoltaic Inverter Industry Sales Model and
Sales Channels

8.7.1 Single-Phase String Grid-Connected Photovoltaic Inverter Sales Model

8.7.2 Single-Phase String Grid-Connected Photovoltaic Inverter Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Region (2018-2023) & (USD Million)

Table 3. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Region (2024-2029) & (USD Million)

Table 4. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share by Region (2018-2023)

Table 5. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share by Region (2024-2029)

Table 6. World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Region (2018-2023) & (K Units)

Table 7. World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Region (2024-2029) & (K Units)

Table 8. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share by Region (2018-2023)

Table 9. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share by Region (2024-2029)

Table 10. World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Single-Phase String Grid-Connected Photovoltaic Inverter Major Market Trends

Table 13. World Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Single-Phase String Grid-Connected Photovoltaic Inverter Consumption by Region (2018-2023) & (K Units)

Table 15. World Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Single-Phase String Grid-Connected Photovoltaic Inverter Producers in 2022

Table 18. World Single-Phase String Grid-Connected Photovoltaic Inverter Production

by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Single-Phase String Grid-Connected Photovoltaic Inverter Producers in 2022

Table 20. World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Single-Phase String Grid-Connected Photovoltaic Inverter Company Evaluation Quadrant

Table 22. World Single-Phase String Grid-Connected Photovoltaic Inverter Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Single-Phase String Grid-Connected Photovoltaic Inverter Production Site of Key Manufacturer

Table 24. Single-Phase String Grid-Connected Photovoltaic Inverter Market: Company Product Type Footprint

Table 25. Single-Phase String Grid-Connected Photovoltaic Inverter Market: Company Product Application Footprint

Table 26. Single-Phase String Grid-Connected Photovoltaic Inverter Competitive Factors

Table 27. Single-Phase String Grid-Connected Photovoltaic Inverter New Entrant and Capacity Expansion Plans

Table 28. Single-Phase String Grid-Connected Photovoltaic Inverter Mergers & Acquisitions Activity

Table 29. United States VS China Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Single-Phase String Grid-Connected Photovoltaic Inverter Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share (2018-2023)

Table 37. China Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share (2018-2023)

Table 42. Rest of World Based Single-Phase String Grid-Connected Photovoltaic Inverter Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share (2018-2023)

Table 47. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Type (2018-2023) & (K Units)

Table 49. World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Type (2024-2029) & (K Units)

Table 50. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Type (2018-2023) & (USD Million)

Table 51. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Type (2024-2029) & (USD Million)

Table 52. World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Application (2018-2023) & (K Units)

Table 56. World Single-Phase String Grid-Connected Photovoltaic Inverter Production by Application (2024-2029) & (K Units)

Table 57. World Single-Phase String Grid-Connected Photovoltaic Inverter Production

Value by Application (2018-2023) & (USD Million)

Table 58. World Single-Phase String Grid-Connected Photovoltaic Inverter Production

Value by Application (2024-2029) & (USD Million)

Table 59. World Single-Phase String Grid-Connected Photovoltaic Inverter Average

Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Single-Phase String Grid-Connected Photovoltaic Inverter Average

Price by Application (2024-2029) & (US\$/Unit)

Table 61. Huawei Technologies Co. Ltd Basic Information, Manufacturing Base and Competitors

Table 62. Huawei Technologies Co. Ltd Major Business

Table 63. Huawei Technologies Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

Table 64. Huawei Technologies Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Huawei Technologies Co. Ltd Recent Developments/Updates

Table 66. Huawei Technologies Co. Ltd Competitive Strengths & Weaknesses

Table 67. Sungrow Power Supply Co Ltd Basic Information, Manufacturing Base and Competitors

Table 68. Sungrow Power Supply Co Ltd Major Business

Table 69. Sungrow Power Supply Co Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

Table 70. Sungrow Power Supply Co Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Sungrow Power Supply Co Ltd Recent Developments/Updates

Table 72. Sungrow Power Supply Co Ltd Competitive Strengths & Weaknesses

Table 73. SMA Solar Technology AG Basic Information, Manufacturing Base and Competitors

Table 74. SMA Solar Technology AG Major Business

Table 75. SMA Solar Technology AG Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services

Table 76. SMA Solar Technology AG Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. SMA Solar Technology AG Recent Developments/Updates

Table 78. SMA Solar Technology AG Competitive Strengths & Weaknesses

Table 79. SolarEdge Technologies Inc Basic Information, Manufacturing Base and Competitors

- Table 80. SolarEdge Technologies Inc Major Business
- Table 81. SolarEdge Technologies Inc Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 82. SolarEdge Technologies Inc Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. SolarEdge Technologies Inc Recent Developments/Updates
- Table 84. SolarEdge Technologies Inc Competitive Strengths & Weaknesses
- Table 85. TBEA Xinjiang SunOasis Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 86. TBEA Xinjiang SunOasis Co., Ltd. Major Business
- Table 87. TBEA Xinjiang SunOasis Co., Ltd. Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 88. TBEA Xinjiang SunOasis Co., Ltd. Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. TBEA Xinjiang SunOasis Co., Ltd. Recent Developments/Updates
- Table 90. TBEA Xinjiang SunOasis Co., Ltd. Competitive Strengths & Weaknesses
- Table 91. Fimer Basic Information, Manufacturing Base and Competitors
- Table 92. Fimer Major Business
- Table 93. Fimer Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 94. Fimer Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Fimer Recent Developments/Updates
- Table 96. Fimer Competitive Strengths & Weaknesses
- Table 97. Delta Energy Systems Inc. Basic Information, Manufacturing Base and Competitors
- Table 98. Delta Energy Systems Inc. Major Business
- Table 99. Delta Energy Systems Inc. Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 100. Delta Energy Systems Inc. Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Delta Energy Systems Inc. Recent Developments/Updates
- Table 102. Delta Energy Systems Inc. Competitive Strengths & Weaknesses
- Table 103. Kstar New Energy Co. Ltd Basic Information, Manufacturing Base and Competitors

- Table 104. Kstar New Energy Co. Ltd Major Business
- Table 105. Kstar New Energy Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 106. Kstar New Energy Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Kstar New Energy Co. Ltd Recent Developments/Updates
- Table 108. Kstar New Energy Co. Ltd Competitive Strengths & Weaknesses
- Table 109. Sineng Electric Co. Ltd Basic Information, Manufacturing Base and Competitors
- Table 110. Sineng Electric Co. Ltd Major Business
- Table 111. Sineng Electric Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 112. Sineng Electric Co. Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Sineng Electric Co. Ltd Recent Developments/Updates
- Table 114. Sineng Electric Co. Ltd Competitive Strengths & Weaknesses
- Table 115. Enphase Energy Inc. Basic Information, Manufacturing Base and Competitors
- Table 116. Enphase Energy Inc. Major Business
- Table 117. Enphase Energy Inc. Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 118. Enphase Energy Inc. Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Enphase Energy Inc. Recent Developments/Updates
- Table 120. Enphase Energy Inc. Competitive Strengths & Weaknesses
- Table 121. ABB Ltd Basic Information, Manufacturing Base and Competitors
- Table 122. ABB Ltd Major Business
- Table 123. ABB Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 124. ABB Ltd Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. ABB Ltd Recent Developments/Updates
- Table 126. ABB Ltd Competitive Strengths & Weaknesses
- Table 127. Goodwe Basic Information, Manufacturing Base and Competitors
- Table 128. Goodwe Major Business

- Table 129. Goodwe Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 130. Goodwe Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Goodwe Recent Developments/Updates
- Table 132. Goodwe Competitive Strengths & Weaknesses
- Table 133. Fronius Basic Information, Manufacturing Base and Competitors
- Table 134. Fronius Major Business
- Table 135. Fronius Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 136. Fronius Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Fronius Recent Developments/Updates
- Table 138. Fronius Competitive Strengths & Weaknesses
- Table 139. Growatt Basic Information, Manufacturing Base and Competitors
- Table 140. Growatt Major Business
- Table 141. Growatt Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 142. Growatt Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. Growatt Recent Developments/Updates
- Table 144. Solis Basic Information, Manufacturing Base and Competitors
- Table 145. Solis Major Business
- Table 146. Solis Single-Phase String Grid-Connected Photovoltaic Inverter Product and Services
- Table 147. Solis Single-Phase String Grid-Connected Photovoltaic Inverter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 148. Global Key Players of Single-Phase String Grid-Connected Photovoltaic Inverter Upstream (Raw Materials)
- Table 149. Single-Phase String Grid-Connected Photovoltaic Inverter Typical Customers
- Table 150. Single-Phase String Grid-Connected Photovoltaic Inverter Typical Distributors

LIST OF FIGURE

- Figure 1. Single-Phase String Grid-Connected Photovoltaic Inverter Picture
- Figure 2. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029) & (K Units)
- Figure 5. World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share by Region (2018-2029)
- Figure 7. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share by Region (2018-2029)
- Figure 8. North America Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029) & (K Units)
- Figure 9. Europe Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029) & (K Units)
- Figure 10. China Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029) & (K Units)
- Figure 11. Japan Single-Phase String Grid-Connected Photovoltaic Inverter Production (2018-2029) & (K Units)
- Figure 12. Single-Phase String Grid-Connected Photovoltaic Inverter Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029) & (K Units)
- Figure 15. World Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Market Share by Region (2018-2029)
- Figure 16. United States Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029) & (K Units)
- Figure 17. China Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029) & (K Units)
- Figure 18. Europe Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029) & (K Units)
- Figure 19. Japan Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029) & (K Units)
- Figure 20. South Korea Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029) & (K Units)
- Figure 21. ASEAN Single-Phase String Grid-Connected Photovoltaic Inverter

Consumption (2018-2029) & (K Units)

Figure 22. India Single-Phase String Grid-Connected Photovoltaic Inverter Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of Single-Phase String Grid-Connected Photovoltaic Inverter by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Single-Phase String Grid-Connected Photovoltaic Inverter Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Single-Phase String Grid-Connected Photovoltaic Inverter Markets in 2022

Figure 26. United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Single-Phase String Grid-Connected Photovoltaic Inverter Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share 2022

Figure 30. China Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share 2022

Figure 32. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share by Type in 2022

Figure 34. Central Inverter

Figure 35. Line Inverter

Figure 36. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share by Type (2018-2029)

Figure 37. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share by Type (2018-2029)

Figure 38. World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Type (2018-2029) & (US\$/Unit)

Figure 39. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share by Application in 2022

Figure 41. PV Industry

Figure 42. Agriculture

Figure 43. Achitechive

Figure 44. Others

Figure 45. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Market Share by Application (2018-2029)

Figure 46. World Single-Phase String Grid-Connected Photovoltaic Inverter Production Value Market Share by Application (2018-2029)

Figure 47. World Single-Phase String Grid-Connected Photovoltaic Inverter Average Price by Application (2018-2029) & (US\$/Unit)

Figure 48. Single-Phase String Grid-Connected Photovoltaic Inverter Industry Chain

Figure 49. Single-Phase String Grid-Connected Photovoltaic Inverter Procurement Model

Figure 50. Single-Phase String Grid-Connected Photovoltaic Inverter Sales Model

Figure 51. Single-Phase String Grid-Connected Photovoltaic Inverter Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

I would like to order

Product name: Global Single-Phase String Grid-Connected Photovoltaic Inverter Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G8CBC977175EEN.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/G8CBC977175EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

