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Global Grid-Tie Micro Inverters Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/GDDC612C48A4EN.html
Date: November 2025
Pages: 113
Price: US$ 3,480.00 (Single User License)
ID: GDDC612C48A4EN

Abstracts

According to our (Global Info Research) latest study, the global Grid-Tie Micro Inverters market size was valued at US$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Grid-tie micro inverter is a photovoltaic inverter that only works with a single solar module, converting the DC power of the solar module into AC power. Its design allows independent parallel operation of multiple micro-inverters in a modular fashion. The advantages of the micro inverter include that it can optimize the power of a single solar module, each module can operate independently, that is, the installation method is ready to use, the installation method and the improvement of fire safety, the lowest cost of system design, And the inventory can also be reduced to a minimum.

This report is a detailed and comprehensive analysis for global Grid-Tie Micro Inverters 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:

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Global Grid-Tie Micro Inverters market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Grid-Tie Micro Inverters market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Grid-Tie Micro Inverters market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Grid-Tie Micro Inverters market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2020-2025

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 Grid-Tie Micro Inverters

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 Grid-Tie Micro Inverters 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 Enphase Energy, SMA Solar Technology, NEP, Badger Power Electronics, SolarBridge, Sparq Systems, Chilicon Power, AP Systems, Renesola, Leadsolar, etc.

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

Market Segmentation

Grid-Tie Micro Inverters market is split by Type and by Application. For the period

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2020-2031, 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

Single Phase

Three Phase

Market segment by Application

BIPV

BAPV

Others

Major players covered

Enphase Energy

SMA Solar Technology

NEP

Badger Power Electronics

SolarBridge

Sparq Systems

Chilicon Power

AP Systems

Renesola

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Leadsolar

Hoymiles

Deye

Yuneng Technology

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 Grid-Tie Micro Inverters product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Grid-Tie Micro Inverters, with price, sales quantity, revenue, and global market share of Grid-Tie Micro Inverters from 2020 to 2025.

Chapter 3, the Grid-Tie Micro Inverters competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Grid-Tie Micro Inverters breakdown data are shown at the regional level,

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to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025.and Grid-Tie Micro Inverters market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Grid-Tie Micro Inverters.

Chapter 14 and 15, to describe Grid-Tie Micro Inverters sales channel, distributors, customers, research findings and conclusion.

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