

Global Photovoltaic Mounting System Market Size Study, by Product (Rooftop, Ground-mounted), by Technology (Fixed, Tracking), by End Use Sector (Residential, Commercial, Civic Utilities), and Regional Forecasts 2022-2032

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Abstracts

The global Photovoltaic Mounting System Market, valued at approximately USD 22 million in 2023, is poised to expand significantly, reaching an estimated USD 94.64 million by 2032. This growth is anticipated to occur at a compound annual growth rate (CAGR) of 17.6% from 2024 to 2032. Photovoltaic (PV) mounting systems serve as crucial structural frameworks that secure solar panels in place, ensuring optimal exposure to sunlight on a variety of surfaces, including rooftops and ground areas. These systems are integral to the functionality of residential, commercial, and utility-scale solar installations, contributing to the efficient generation of solar energy across diverse environments.

The increasing adoption of solar energy is one of the primary drivers of market growth. As the world transitions towards renewable energy sources, there is a notable surge in solar energy projects globally. Governments and businesses are increasingly investing in solar power infrastructure to meet sustainability goals and reduce carbon footprints. This heightened focus on solar energy is driving the demand for advanced and efficient PV mounting systems, which are essential for the effective deployment of solar panels. Also, technological advancements in PV mounting systems are also contributing significantly to market expansion. Innovations such as the development of lightweight, durable materials and improved installation techniques have made these systems more cost-effective and easier to deploy. These advancements have facilitated the widespread adoption of PV mounting systems in both developed and developing regions, further boosting market growth.

Supportive government policies play a crucial role in fostering the growth of the

photovoltaic mounting system market. Many governments offer incentives, subsidies, and tax benefits to promote the adoption of solar energy. These policies not only encourage the installation of solar panels but also increase the demand for PV mounting systems, particularly in regions where solar energy policies are favorable. In terms of regional growth, the Asia Pacific (APAC) region is expected to dominate the global photovoltaic mounting system market. Countries such as China and India are at the forefront of solar energy utilization, particularly in commercial spaces dedicated to solar photovoltaic cell production. The region's large and consistently growing population, coupled with government initiatives to invest in renewable energy infrastructure, creates promising growth prospects for the PV mounting system market. Emerging markets within APAC, including Australia and ASEAN countries, are also expected to contribute significantly to market expansion.

Major market players included in this report are:

Schletter Group

Unirac Inc.

SolarWorld AG

K2 Systems GmbH

Quick Mount PV

Land Power Solar Technology Co. Ltd.

RBI Solar Inc.

Mounting System GmbH

Xiamen Grace Solar Technology Co. Ltd.

Clenergy

Tata International Ltd.

Xiamen Universe Solar Tech. Co. Ltd.

Xiamen Corigy New Energy Technology Co. Ltd.

PV Racking

Van der Valk Solar Systems BV

The detailed segments and sub-segment of the market are explained below:

By Product:

- Rooftop
- Ground-mounted

By Technology:

- Fixed
- Tracking

By End Use Sector:

- Residential
- Commercial
- Civic Utilities

By Region:

North America

- U.S.
- Canada

Europe

- UK
- Germany
- France
- Spain
- Italy
- ROE

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea
- RoAPAC

Latin America

- Brazil
- Mexico
- RoLA

Middle East & Africa

- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL PHOTOVOLTAIC MOUNTING SYSTEM MARKET EXECUTIVE SUMMARY

- 1.1. Global Photovoltaic Mounting System Market Size & Forecast (2022- 2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Product
 - 1.3.2. By Technology
 - 1.3.3. By End Use Sector
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL PHOTOVOLTAIC MOUNTING SYSTEM MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL PHOTOVOLTAIC MOUNTING SYSTEM MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Increasing Solar Energy Adoption
- 3.1.2. Technological Advancements
- 3.1.3. Supportive Government Policies

3.2. Market Challenges

- 3.2.1. High Initial Costs

3.3. Market Opportunities

- 3.3.1. Emerging Markets
- 3.3.2. Integration with Smart Technologies

CHAPTER 4. GLOBAL PHOTOVOLTAIC MOUNTING SYSTEM MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL PHOTOVOLTAIC MOUNTING SYSTEM MARKET SIZE & FORECASTS BY PRODUCT 2022-2032

5.1. Segment Dashboard

5.2. Global Photovoltaic Mounting System Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Million)

5.2.1. Rooftop

5.2.2. Ground-mounted

CHAPTER 6. GLOBAL PHOTOVOLTAIC MOUNTING SYSTEM MARKET SIZE & FORECASTS BY TECHNOLOGY 2022-2032

6.1. Segment Dashboard

6.2. Global Photovoltaic Mounting System Market: Technology Revenue Trend Analysis, 2022 & 2032 (USD Million)

6.2.1. Fixed

6.2.2. Tracking

CHAPTER 7. GLOBAL PHOTOVOLTAIC MOUNTING SYSTEM MARKET SIZE & FORECASTS BY END USE SECTOR 2022-2032

7.1. Segment Dashboard

7.2. Global Photovoltaic Mounting System Market: End Use Sector Revenue Trend Analysis, 2022 & 2032 (USD Million)

7.2.1. Residential

7.2.2. Commercial

7.2.3. Civic Utilities

CHAPTER 8. GLOBAL PHOTOVOLTAIC MOUNTING SYSTEM MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Photovoltaic Mounting System Market

8.1.1. U.S. Photovoltaic Mounting System Market

8.1.1.1. Product breakdown size & forecasts, 2022-2032

8.1.1.2. Technology breakdown size & forecasts, 2022-2032

8.1.1.3. End Use Sector breakdown size & forecasts, 2022-2032

8.1.2. Canada Photovoltaic Mounting System Market

8.2. Europe Photovoltaic Mounting System Market

8.2.1. U.K. Photovoltaic Mounting System Market

8.2.2. Germany Photovoltaic Mounting System Market

8.2.3. France Photovoltaic Mounting System Market

8.2.4. Spain Photovoltaic Mounting System Market

8.2.5. Italy Photovoltaic Mounting System Market

- 8.2.6. Rest of Europe Photovoltaic Mounting System Market
- 8.3. Asia-Pacific Photovoltaic Mounting System Market
 - 8.3.1. China Photovoltaic Mounting System Market
 - 8.3.2. India Photovoltaic Mounting System Market
 - 8.3.3. Japan Photovoltaic Mounting System Market
 - 8.3.4. Australia Photovoltaic Mounting System Market
 - 8.3.5. South Korea Photovoltaic Mounting System Market
 - 8.3.6. Rest of Asia Pacific Photovoltaic Mounting System Market
- 8.4. Latin America Photovoltaic Mounting System Market
 - 8.4.1. Brazil Photovoltaic Mounting System Market
 - 8.4.2. Mexico Photovoltaic Mounting System Market
 - 8.4.3. Rest of Latin America Photovoltaic Mounting System Market
- 8.5. Middle East & Africa Photovoltaic Mounting System Market
 - 8.5.1. Saudi Arabia Photovoltaic Mounting System Market
 - 8.5.2. South Africa Photovoltaic Mounting System Market
 - 8.5.3. Rest of Middle East & Africa Photovoltaic Mounting System Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Schletter Group
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Unirac Inc.
 - 9.3.3. SolarWorld AG
 - 9.3.4. K2 Systems GmbH
 - 9.3.5. Quick Mount PV
 - 9.3.6. Land Power Solar Technology Co. Ltd.
 - 9.3.7. RBI Solar Inc.
 - 9.3.8. Mounting System GmbH
 - 9.3.9. Xiamen Grace Solar Technology Co. Ltd.

- 9.3.10. Clenergy
- 9.3.11. Tata International Ltd.
- 9.3.12. Xiamen Universe Solar Tech. Co. Ltd.
- 9.3.13. Xiamen Corigy New Energy Technology Co. Ltd.
- 9.3.14. PV Racking
- 9.3.15. Van der Valk Solar Systems BV

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Photovoltaic Mounting System market, report scope

TABLE 2. Global Photovoltaic Mounting System market estimates & forecasts by Region 2022-2032 (USD Million)

TABLE 3. Global Photovoltaic Mounting System market estimates & forecasts by Product 2022-2032 (USD Million)

TABLE 4. Global Photovoltaic Mounting System market estimates & forecasts by Technology 2022-2032 (USD Million)

TABLE 5. Global Photovoltaic Mounting System market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. Global Photovoltaic Mounting System market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Global Photovoltaic Mounting System market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Global Photovoltaic Mounting System market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Global Photovoltaic Mounting System market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Global Photovoltaic Mounting System market by region, estimates & forecasts, 2022-2032 (USD Million)

...

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Photovoltaic Mounting System market, research methodology
- FIG 2. Global Photovoltaic Mounting System market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Photovoltaic Mounting System market, key trends 2023
- FIG 5. Global Photovoltaic Mounting System market, growth prospects 2022-2032
- FIG 6. Global Photovoltaic Mounting System market, Porters 5 force model
- FIG 7. Global Photovoltaic Mounting System market, PESTEL analysis
- FIG 8. Global Photovoltaic Mounting System market, value chain analysis
- FIG 9. Global Photovoltaic Mounting System market by segment, 2022 & 2032 (USD Million)
- FIG 10. Global Photovoltaic Mounting System market by segment, 2022 & 2032 (USD Million)

...

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

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