

Horizontal Single Axis Solar Tracker Market Size, Share, and Outlook, 2025 Report- By Application (Utility Application, Non-Utility Application), By End-User (Residential Homes, Corrosion Protection, Rural Electrification, Water Pumping), 2018-2032

<https://marketpublishers.com/r/H66DDC905ED6EN.html>

Date: April 2025

Pages: 187

Price: US\$ 3,680.00 (Single User License)

ID: H66DDC905ED6EN

Abstracts

Horizontal Single Axis Solar Tracker Market Outlook

The Horizontal Single Axis Solar Tracker Market size is expected to register a growth rate of 24.2% during the forecast period from \$16.98 Billion in 2025 to \$77.4 Billion in 2032. The Horizontal Single Axis Solar Tracker market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Horizontal Single Axis Solar Tracker segments across 22 countries from 2021 to 2032. Key segments in the report include By Application (Utility Application, Non-Utility Application), By End-User (Residential Homes, Corrosion Protection, Rural Electrification, Water Pumping). Over 70 tables and charts showcase findings from our latest survey report on Horizontal Single Axis Solar Tracker markets.

Horizontal Single Axis Solar Tracker Market Insights, 2025

The Horizontal Single Axis Solar Tracker Market is expanding with increasing adoption of AI-powered solar panel orientation optimization, IoT-enabled real-time tracking adjustments, and machine learning-driven energy yield forecasting. Companies like Array Technologies, Nextracker, and Soltec are leading with automated solar tracking systems, AI-enhanced predictive maintenance for photovoltaic panels, and blockchain-

powered solar energy credit trading. The rise of machine learning-driven weather prediction for solar efficiency, automation-enhanced dual-axis hybrid trackers, and IoT-connected grid integration solutions is transforming the industry. However, high costs of AI-driven solar tracking systems, regulatory challenges in grid interconnection for solar farms, and resistance to automation in traditional solar panel deployment remain challenges. Additionally, government incentives for AI-powered solar farms, tax benefits for smart solar tracking systems, and compliance mandates for grid-connected renewable energy projects are shaping market expansion.

Five Trends that will define global Horizontal Single Axis Solar Tracker market in 2025 and Beyond

A closer look at the multi-million market for Horizontal Single Axis Solar Tracker identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Horizontal Single Axis Solar Tracker companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Horizontal Single Axis Solar Tracker vendors.

What are the biggest opportunities for growth in the Horizontal Single Axis Solar Tracker industry?

The Horizontal Single Axis Solar Tracker sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Horizontal Single Axis Solar Tracker Market Segment Insights

The Horizontal Single Axis Solar Tracker industry presents strong offers across categories. The analytical report offers forecasts of Horizontal Single Axis Solar Tracker industry performance across segments and countries. Key segments in the industry include%li%By Application (Utility Application, Non-Utility Application), By End-User

(Residential Homes, Corrosion Protection, Rural Electrification, Water Pumping). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Horizontal Single Axis Solar Tracker market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Horizontal Single Axis Solar Tracker industry ecosystem. It assists decision-makers in evaluating global Horizontal Single Axis Solar Tracker market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Horizontal Single Axis Solar Tracker industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific Horizontal Single Axis Solar Tracker Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Horizontal Single Axis Solar Tracker Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents

optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Horizontal Single Axis Solar Tracker with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Horizontal Single Axis Solar Tracker market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Horizontal Single Axis Solar Tracker market Insights%li%Vendors are exploring new opportunities within the US Horizontal Single Axis Solar Tracker industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Horizontal Single Axis Solar Tracker companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Horizontal Single Axis Solar Tracker market.

Latin American Horizontal Single Axis Solar Tracker market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Horizontal Single Axis Solar Tracker Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Horizontal Single Axis Solar Tracker markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria,

Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Horizontal Single Axis Solar Tracker markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Horizontal Single Axis Solar Tracker companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include Soitec SA, Solar FlexRack, Soltec, SunEdison, SunPower Corp.

Horizontal Single Axis Solar Tracker Market Segmentation

By Application

Utility Application

Non-Utility Application

By End-User

Residential Homes

Corrosion Protection

Rural Electrification

Water Pumping

Leading Companies

Soitec SA

Solar FlexRack

Soltec

SunEdison

SunPower Corp

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

Contents

1. TABLE OF CONTENTS

List of Figures and Tables

2. EXECUTIVE SUMMARY

2.1 Key Highlights

2.1.1 Horizontal Single Axis Solar Tracker Market Size Outlook, 2018-2024 and 2025-2032

2.1.2 Largest Horizontal Single Axis Solar Tracker Market Types and Applications

2.1.3 Fastest Growing Segments

2.1.4 Potential Markets

2.1.5 Market Concentration

2.2 Market Scope and Segmentation

2.2.1 Market Scope- Segments

2.2.2 Market Scope- Countries

2.2.3 Macroeconomic and Demographic Outlook

2.2.4 Abbreviations

2.2.5 Units and Currency Conversions

3. RESEARCH METHODOLOGY

3.1 Primary Research Surveys

3.2 Secondary Data Sources

3.3 Data Triangulation

3.4 Forecast Methodology

3.5 Assumptions and Limitations

4. INTRODUCTION TO GLOBAL HORIZONTAL SINGLE AXIS SOLAR TRACKER MARKET IN 2025

4.1 Industry Panorama

4.2 Leading Companies Profiled in the Study

4.3 Asia Pacific Markets offer Robust Market Prospects for New Entrants

4.4 Market Dynamics

4.4.1 Market Dynamics- Trends and Drivers

4.4.2 Market Dynamics- Opportunities and Challenges

- 4.5 Regional Analysis
- 4.6 Porter's Five Force Analysis
 - 4.6.1 Intensity of Competitive Rivalry
 - 4.6.2 Threat of New Entrants
 - 4.6.3 Threat of Substitutes
 - 4.6.4 Bargaining Power of Buyers
 - 4.6.5 Bargaining Power of Suppliers
- 4.7 Horizontal Single Axis Solar Tracker Industry Value Chain Analysis
 - 4.7.1 Stage of Value Chain
 - 4.7.2 Key Activities of Companies
 - 4.7.3 Companies Included in Each Stage
 - 4.7.4 Key Insights

5. HORIZONTAL SINGLE AXIS SOLAR TRACKER MARKET OUTLOOK TO 2032

- 5.1 Market Size Forecast by Type, 2021-2024 and 2025-2032
- 5.2 Market Size Forecast by Application, 2021-2024 and 2024-2032
- 5.3 Market Size Forecast by Geography, 2021-2024 and 2024-2032

By Application

Utility Application

Non-Utility Application

By End-User

Residential Homes

Corrosion Protection

Rural Electrification

Water Pumping

6. GLOBAL HORIZONTAL SINGLE AXIS SOLAR TRACKER MARKET OUTLOOK ACROSS GROWTH SCENARIOS

- 6.1 Low Growth Scenario
- 6.2 Base/Reference Case
- 6.3 High Growth Scenario

6. NORTH AMERICA HORIZONTAL SINGLE AXIS SOLAR TRACKER MARKET SIZE OUTLOOK

6.1 Key Market Statistics, 2024

6.2 North America Horizontal Single Axis Solar Tracker Market Trends and

Growth Opportunities

6.2.1 North America Horizontal Single Axis Solar Tracker Market Outlook by Type

6.2.2 North America Horizontal Single Axis Solar Tracker Market Outlook by Application

6.3 North America Horizontal Single Axis Solar Tracker Market Outlook by Country

6.3.1 The US Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

6.3.2 Canada Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

6.3.3 Mexico Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

7. EUROPE HORIZONTAL SINGLE AXIS SOLAR TRACKER MARKET SIZE OUTLOOK

7.1 Key Market Statistics, 2024

7.2 Europe Horizontal Single Axis Solar Tracker Market Trends and Growth Opportunities

7.2.1 Europe Horizontal Single Axis Solar Tracker Market Outlook by Type

7.2.2 Europe Horizontal Single Axis Solar Tracker Market Outlook by Application

7.3 Europe Horizontal Single Axis Solar Tracker Market Outlook by Country

7.3.2 Germany Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

7.3.3 France Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

7.3.4 The UK Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

7.3.5 Spain Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

7.3.6 Italy Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

7.3.7 Russia Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

7.3.8 Rest of Europe Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

8. ASIA PACIFIC HORIZONTAL SINGLE AXIS SOLAR TRACKER MARKET SIZE OUTLOOK

8.1 Key Market Statistics, 2024

8.2 Asia Pacific Horizontal Single Axis Solar Tracker Market Trends and Growth Opportunities

8.2.1 Asia Pacific Horizontal Single Axis Solar Tracker Market Outlook by Type

8.2.2 Asia Pacific Horizontal Single Axis Solar Tracker Market Outlook by Application

8.3 Asia Pacific Horizontal Single Axis Solar Tracker Market Outlook by Country

- 8.3.1 China Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032**
- 8.3.2 India Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032**
- 8.3.3 Japan Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032**
- 8.3.4 South Korea Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032**
- 8.3.5 Australia Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032**
- 8.3.6 South East Asia Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032**
- 8.3.7 Rest of Asia Pacific Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032**

9. SOUTH AMERICA HORIZONTAL SINGLE AXIS SOLAR TRACKER MARKET SIZE OUTLOOK

9.1 Key Market Statistics, 2024

9.2 South America Horizontal Single Axis Solar Tracker Market Trends and Growth Opportunities

9.2.1 South America Horizontal Single Axis Solar Tracker Market Outlook by Type

9.2.2 South America Horizontal Single Axis Solar Tracker Market Outlook by Application

9.3 South America Horizontal Single Axis Solar Tracker Market Outlook by Country

9.3.1 Brazil Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

9.3.2 Argentina Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

9.3.3 Rest of South and Central America Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

10. MIDDLE EAST AND AFRICA HORIZONTAL SINGLE AXIS SOLAR TRACKER MARKET SIZE OUTLOOK

10.1 Key Market Statistics, 2024

10.2 Middle East and Africa Horizontal Single Axis Solar Tracker Market Trends and Growth Opportunities

10.2.1 Middle East and Africa Horizontal Single Axis Solar Tracker Market Outlook by Type

10.2.2 Middle East and Africa Horizontal Single Axis Solar Tracker Market Outlook by Application

10.3 Middle East and Africa Horizontal Single Axis Solar Tracker Market Outlook

by Country

10.3.1 Saudi Arabia Horizontal Single Axis Solar Tracker Market Outlook, 2021-2032

10.3.2 The UAE Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

10.3.3 Rest of Middle East Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

10.3.4 South Africa Horizontal Single Axis Solar Tracker Market Outlook, 2021-2032

10.3.5 Egypt Horizontal Single Axis Solar Tracker Market Outlook, 2021- 2032

10.3.6 Rest of Africa Horizontal Single Axis Solar Tracker Market Outlook, 2021-2032

11. COMPANY PROFILES

11.1 Leading 10 Companies

Soitec SA

Solar FlexRack

Soltec

SunEdison

SunPower Corp

11.2 Overview

11.3 Products and Services

11.4 SWOT Profile

12. APPENDIX

12.1 Subscription Options

12.2 Customization Options

12.3 Publisher Details

I would like to order

Product name: Horizontal Single Axis Solar Tracker Market Size, Share, and Outlook, 2025 Report- By Application (Utility Application, Non-Utility Application), By End-User (Residential Homes, Corrosion Protection, Rural Electrification, Water Pumping), 2018-2032

Product link: <https://marketpublishers.com/r/H66DDC905ED6EN.html>

Price: US\$ 3,680.00 (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/H66DDC905ED6EN.html>