

### Position Sensors Market Size, Share & Trends Analysis Report By Application (Photoelectric, Linear, Proximity, Rotary, Others), By End-use, By Region, And Segment Forecasts, 2024 - 2030

https://marketpublishers.com/r/P5AF6232CBF0EN.html

Date: September 2024

Pages: 100

Price: US\$ 4,950.00 (Single User License)

ID: P5AF6232CBF0EN

### **Abstracts**

This report can be delivered to the clients within 2 Business Days

Portable Solar Charger Market Growth & Trends

The global portable solar charger market size is expected to reach USD 1,276.3 million by 2030, registering a CAGR of 14.1% during the forecast period, according to a new report by Grand View Research, Inc. Shifting consumer inclination towards on-the-go environmental friendly products due to increasing awareness related to depleting energy resources is a main factor driving the sales of portable solar charger over the forecast period. Moreover, government bodies in India and Africa provide subsidies on rechargeable products such as lanterns, lamps, torch, and batteries in order to increase energy access to people not connected to electric grid. In addition, increasing penetration of mobile phones in the rural parts of Africa and India is expected to create huge opportunity for these chargers in upcoming years.

Small portable solar charger held a leading market share in 2023. The foldable segment is anticipated to expand at the fastest CAGR of 14.7% over the forecast period. The U.S. military is increasingly shifting towards renewable energy resources in order to reduce its dependency on oil energy, which is expected to increase adoption of solar panel and chargers in upcoming years. Moreover, increasing use of various electronic surveillance equipment by military is expected to boost demand for the foldable solar chargers over the forecast period.



By application, the individual segment held a leading share in 2023. Increasing participation in outdoor activities such as hiking, biking, and mountaineering, especially in developed countries, is expected to provide growth opportunity for these types of chargers. The number of bikers traveling globally is continuously increasing to cement their love for riding. This trend has encouraged many tour organizers to roll out riding tours outside India. In addition, many bike manufacturers are hosting tours internationally to promote their brands.

Asia Pacific emerged as the largest regional market in 2023 on account of growing product visibility, especially in India, Bangladesh, and Indonesia. Moreover, government organizations including the World Bank, International Finance Corporation, and Global Off-Grid Association have undertaken supportive initiatives to increase energy access to remote areas and villages with off-grid solar power. North America is anticipated to expand at a significant CAGR over the forecast period. This growth is attributed to increasing product penetration, coupled with rising popularity of adventurous outdoor activities on account of increasing awareness related to maintaining a healthy life.

Portable Solar Charger Market Report Highlights

U.S. is a leading country in the North America market, driven by shifting preference towards environment friendly products including solar chargers

Europe portable solar chargers market is projected to grow at the fastest CAGR over the forecast period. The demand is rising due to increasing environmental awareness, the adoption of renewable energy, and the growing use of mobile devices.

Asia Pacific held the largest market share in 2023 owing to rise in product availability. Several Asian Pacific governments are promoting green energy initiatives and offering incentives for solar products, further fueling demand.



### **Contents**

#### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Market Segmentation and Scope
- 1.2. Market Definitions
- 1.3. Research Methodology
  - 1.3.1. Information Procurement
  - 1.3.2. Information or Data Analysis
  - 1.3.3. Market Formulation & Data Visualization
  - 1.3.4. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
  - 1.4.1. List of Data Sources

#### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

## CHAPTER 3. GLOBAL POSITION SENSORS MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Introduction/Lineage Outlook
- 3.2. Market Size and Growth Prospects (USD Million)
- 3.3. Market Dynamics
  - 3.3.1. Market Drivers Analysis
  - 3.3.2. Market Restraints Analysis
- 3.4. Global Position Sensors Market Analysis Tools
  - 3.4.1. Porter's Analysis
    - 3.4.1.1. Bargaining power of the suppliers
    - 3.4.1.2. Bargaining power of the buyers
    - 3.4.1.3. Threats of substitution
    - 3.4.1.4. Threats from new entrants
    - 3.4.1.5. Competitive rivalry
  - 3.4.2. PESTEL Analysis
  - 3.4.2.1. Political landscape
  - 3.4.2.2. Economic and Social landscape
  - 3.4.2.3. Technological landscape



- 3.4.2.4. Environmental landscape
- 3.4.2.5. Legal landscape

# CHAPTER 4. GLOBAL POSITION SENSORS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

- 4.1. Segment Dashboard
- 4.2. Global Position Sensors Market: Application Movement Analysis, 2023 & 2030 (USD Million)
- 4.3. Photoelectric
- 4.3.1. Photoelectric Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)
- 4.4. Linear
- 4.4.1. Linear Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)
- 4.5. Proximity
- 4.5.1. Proximity Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)
- 4.6. Rotary
  - 4.6.1. Rotary Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)
- 4.7. Others
- 4.7.1. Others Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)

# CHAPTER 5. GLOBAL POSITION SENSORS MARKET: END USE ESTIMATES & TREND ANALYSIS

- 5.1. Segment Dashboard
- 5.2. Global Position Sensors Market: End Use Movement Analysis, 2023 & 2030 (USD Million)
- 5.3. Automotive
- 5.3.1. Automotive Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)
- 5.4. Military & Aerospace
- 5.4.1. Military & Aerospace Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)
- 5.5. Electronics & Semiconductors
- 5.5.1. Electronics & Semiconductors Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)
- 5.6. Packaging
- 5.6.1. Packaging Market Revenue Estimates and Forecasts, 2018 2030 (USD Million)
- 5.7. Others



5.7.1. Others Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

# CHAPTER 6. GLOBAL POSITION SENSORS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 6.1. Global Position Sensors Market Share, By Region, 2023 & 2030 (USD Million)
- 6.2. North America
- 6.2.1. North America Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.2.2. U.S.
- 6.2.2.1. U.S. Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
- 6.2.3. Canada
- 6.2.3.1. Canada Position Sensors Market Estimates and Forecasts, 2018 2030(USD Million)
- 6.2.4. Mexico
- 6.2.4.1. Mexico Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
- 6.3. Europe
- 6.3.1. Europe Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.3.2. UK
- 6.3.2.1. UK Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.3.3. Germany
- 6.3.3.1. Germany Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.3.4. France
- 6.3.4.1. France Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
- 6.4. Asia Pacific
- 6.4.1. Asia Pacific Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.4.2. Japan
- 6.4.2.1. Japan Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.4.3. China
- 6.4.3.1. China Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)



- 6.4.4. India
- 6.4.4.1. India Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.4.5. Australia
- 6.4.5.1. Australia Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.4.6. South Korea
- 6.4.6.1. South Korea Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
- 6.5. Latin America
- 6.5.1. Latin America Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.5.2. Brazil
- 6.5.2.1. Brazil Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
- 6.6. Middle East and Africa
- 6.6.1. Middle East and Africa Position Sensors Market Estimates and Forecasts, 20182030 (USD Million)
  - 6.6.2. UAE
- 6.6.2.1. UAE Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)
  - 6.6.3. Saudi Arabia
- 6.6.3.1. Saudi Arabia Position Sensors Market Estimates and Forecasts, 2018 2030(USD Million)
- 6.6.4. South Africa
- 6.6.4.1. South Africa Position Sensors Market Estimates and Forecasts, 2018 2030 (USD Million)

#### **CHAPTER 7. COMPETITIVE LANDSCAPE**

- 7.1. Recent Developments & Impact Analysis by Key Market Participants
- 7.2. Company Categorization
- 7.3. Company Heat Map Analysis
- 7.4. Company Profiles
  - 7.4.1. Honeywell International Inc.
    - 7.4.1.1. Participant's Overview
    - 7.4.1.2. Financial Performance
    - 7.4.1.3. Product Benchmarking
    - 7.4.1.4. Recent Developments/ Strategic Initiatives



- 7.4.2. TE Connectivity
  - 7.4.2.1. Participant's Overview
  - 7.4.2.2. Financial Performance
  - 7.4.2.3. Product Benchmarking
  - 7.4.2.4. Recent Developments/ Strategic Initiatives
- 7.4.3. SICK AG
  - 7.4.3.1. Participant's Overview
  - 7.4.3.2. Financial Performance
  - 7.4.3.3. Product Benchmarking
  - 7.4.3.4. Recent Developments/ Strategic Initiatives
- 7.4.4. Ams-OSRAM AG
  - 7.4.4.1. Participant's Overview
  - 7.4.4.2. Financial Performance
  - 7.4.4.3. Product Benchmarking
- 7.4.4.4. Recent Developments/ Strategic Initiatives
- 7.4.5. MTS Systems
  - 7.4.5.1. Participant's Overview
  - 7.4.5.2. Financial Performance
  - 7.4.5.3. Product Benchmarking
  - 7.4.5.4. Recent Developments/ Strategic Initiatives
- 7.4.6. Infeneon Technologies AG
  - 7.4.6.1. Participant's Overview
  - 7.4.6.2. Financial Performance
  - 7.4.6.3. Product Benchmarking
  - 7.4.6.4. Recent Developments/ Strategic Initiatives
- 7.4.7. STMicroelectronics
  - 7.4.7.1. Participant's Overview
  - 7.4.7.2. Financial Performance
  - 7.4.7.3. Product Benchmarking
  - 7.4.7.4. Recent Developments/ Strategic Initiatives
- 7.4.8. Balluff Inc
  - 7.4.8.1. Participant's Overview
  - 7.4.8.2. Financial Performance
  - 7.4.8.3. Product Benchmarking
  - 7.4.8.4. Recent Developments/ Strategic Initiatives
- 7.4.9. Vishay Intertechnology Inc
  - 7.4.9.1. Participant's Overview
  - 7.4.9.2. Financial Performance
  - 7.4.9.3. Product Benchmarking



- 7.4.9.4. Recent Developments/ Strategic Initiatives
- 7.4.10. Baumer
  - 7.4.10.1. Participant's Overview
  - 7.4.10.2. Financial Performance
  - 7.4.10.3. Product Benchmarking
  - 7.4.10.4. Recent Developments/ Strategic Initiatives



#### I would like to order

Product name: Position Sensors Market Size, Share & Trends Analysis Report By Application

(Photoelectric, Linear, Proximity, Rotary, Others), By End-use, By Region, And Segment

Forecasts, 2024 - 2030

Product link: <a href="https://marketpublishers.com/r/P5AF6232CBF0EN.html">https://marketpublishers.com/r/P5AF6232CBF0EN.html</a>

Price: US\$ 4,950.00 (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 <a href="https://marketpublishers.com/r/P5AF6232CBF0EN.html">https://marketpublishers.com/r/P5AF6232CBF0EN.html</a>

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
	Custumer signature

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

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