

# Global Solar Analytics and Monitoring Solutions Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Solar Analytics and Monitoring Solutions market size was valued at US\$ 1602 million in 2025 and is forecast to a readjusted size of US\$ 3466 million by 2032 with a CAGR of 11.6% during review period.

Solar Analytics and Monitoring Solutions are integrated software and hardware systems designed to track, analyze, and optimize the performance of solar photovoltaic (PV) installations in real time. These solutions collect data from inverters, smart meters, sensors, and weather stations, then process it through cloud-based platforms to provide dashboards, performance reports, fault detection, predictive maintenance alerts, and energy optimization insights. Residential platforms: Many consumer-oriented solutions (e.g., Solar Analytics) offer subscriptions from about \$6–\$10 per month (? \$60–\$95 per year) for basic monitoring dashboards.

This report is a detailed and comprehensive analysis for global Solar Analytics and Monitoring Solutions market. Both quantitative and qualitative analyses are presented by company, 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:

Global Solar Analytics and Monitoring Solutions market size and forecasts, in

consumption value (\$ Million), 2021-2032

Global Solar Analytics and Monitoring Solutions market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Solar Analytics and Monitoring Solutions market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Solar Analytics and Monitoring Solutions market shares of main players, in revenue (\$ Million), 2021-2026

### **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 Solar Analytics and Monitoring Solutions

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 Solar Analytics and Monitoring Solutions market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SolarEdge Technologies, Inc. (NASDAQ: SEDG, Israel/USA), Enphase Energy, Inc. (NASDAQ: ENPH, USA), SMA Solar Technology AG (SAX: S92, Germany), ABB Ltd. (NYSE: ABB, Switzerland), Schneider Electric SE (EPA: SU, France), Siemens AG (ETR: SIE, Germany), First Solar, Inc. (NASDAQ: FSLR, USA), Huawei Technologies Co., Ltd. (Private, China), Tigo Energy, Inc. (NYSE: TYGO, USA), Growatt New Energy Technology Co., Ltd. (Private, China), etc.

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

### Market segmentation

Solar Analytics and Monitoring Solutions market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Cloud-Based (SaaS)

On-Premise

Hybrid Systems

#### Market segment by Component

Hardware

Software

Services

#### Market segment by Services

Installation & Integration

Remote Monitoring Services

Maintenance & Technical Support

Data consulting & Reporting

#### Market segment by Application

Homeowners

Commercial Building Operators

Solar EPC Companies

Utilities & Grid Operators

Asset Management Firms

Market segment by players, this report covers

SolarEdge Technologies, Inc. (NASDAQ: SEDG, Israel/USA)

Enphase Energy, Inc. (NASDAQ: ENPH, USA)

SMA Solar Technology AG (SAX: S92, Germany)

ABB Ltd. (NYSE: ABB, Switzerland)

Schneider Electric SE (EPA: SU, France)

Siemens AG (ETR: SIE, Germany)

First Solar, Inc. (NASDAQ: FSLR, USA)

Huawei Technologies Co., Ltd. (Private, China)

Tigo Energy, Inc. (NYSE: TYGO, USA)

Growatt New Energy Technology Co., Ltd. (Private, China)

Fronius International GmbH (Private, Austria)

General Electric Company (NYSE: GE, USA)

Meteocontrol GmbH (Private, Germany)

SenseHawk (Sense) (Private, USA)

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 13 chapters:**

Chapter 1, to describe Solar Analytics and Monitoring Solutions product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Solar Analytics and Monitoring Solutions, with revenue, gross margin, and global market share of Solar Analytics and Monitoring Solutions from 2021 to 2026.

Chapter 3, the Solar Analytics and Monitoring Solutions competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Solar Analytics and Monitoring Solutions market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Solar Analytics and Monitoring Solutions.

Chapter 13, to describe Solar Analytics and Monitoring Solutions research findings and conclusion.

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