

Smart Meters Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/S0ADFE57A261EN.html>

Date: January 2023

Pages: 143

Price: US\$ 2,499.00 (Single User License)

ID: S0ADFE57A261EN

Abstracts

The global smart meters market size reached US\$ 22.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 37.9 Billion by 2028, exhibiting a growth rate (CAGR) of 8.5% during 2023-2028.

Smart meters refer to electronic devices that accurately measure and record power consumption data. They consist of a microcontroller, power system, and communications interface. They automatically and wirelessly send actual energy usage to the supplier through radiofrequency (RF) electromagnetic radiation, power line communication, and cellular communication. Smart meters accurately monitor voltage fluctuations, outage detection, gas, electricity, and water usage. They assist in reducing meter reading costs, removing inefficiencies in billing, preventing disconnection, and reducing emissions. In comparison to traditional meters, smart meters are interactive, multifunctional, aid in recording electricity usage on a daily basis, and enable two-way communication with the utility and the home or business. They are also cost-effective and therefore find widespread application in the residential, commercial and industrial sectors.

Smart Meters Market Trends:

The increasing energy requirement across the globe is one of the key factors driving the growth of the market. In line with this, the rising demand for smart electricity meters for automatic meter reading and bill generation due to the rising concerns regarding power generation and distribution is favoring the market growth. Moreover, various technological advancements, such as the integration of the Internet of Things (IoT), and the rapid utilization of advanced components and control systems to enhance security, protect data, and maximize uptime during emergencies, are providing an impetus to the market growth. Additionally, the widespread product adoption in smart cities for the

detection of leakage in supply, detection of theft, and continuous monitoring of gas, water flow, and electricity is positively impacting the market growth. Apart from this, the increasing demand for electricity from renewable energy and the implementation of various government initiatives to replace existing traditional electric meters are creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global smart meters market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, technology and end use.

Breakup by Product:

- Smart Electricity Meter
- Smart Water Meter
- Smart Gas Meter

Breakup by Technology:

- AMI (Advanced Metering Infrastructure)
- AMR (Automatic Meter Reading)

Breakup by End Use:

- Residential
- Commercial
- Industrial

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea

Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Aichi Tokei Denki Co. Ltd., Apator SA, Arad Group, Badger Meter Inc., Diehl Stiftung & Co. KG, Holley Technology Ltd., Itron Inc., Landis+Gyr, Neptune Technology Group Inc. (Roper Technologies Inc.), Schneider Electric SE, Sensus USA Inc. (Xylem Inc.), Shenzhen Kaifa Technology Co. Ltd. and Zenner International GmbH & Co. KG.

Key Questions Answered in This Report:

How has the global smart meters market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global smart meters market?
What are the key regional markets?
What is the breakup of the market based on the product?
What is the breakup of the market based on the technology?
What is the breakup of the market based on the end use?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global smart meters market and who are the key players?
What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL SMART METERS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Smart Electricity Meter
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Smart Water Meter
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Smart Gas Meter

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

7 MARKET BREAKUP BY TECHNOLOGY

- 7.1 AMI (Advanced Metering Infrastructure)
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 AMR (Automatic Meter Reading)
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY END USE

- 8.1 Residential
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Commercial
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Industrial
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends

- 9.2.2.2 Market Forecast
- 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Aichi Tokei Denki Co. Ltd.

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.2 Apator SA

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.2.3 Financials

14.3.3 Arad Group

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.3.3 Financials

14.3.4 Badger Meter Inc.

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.4.4 SWOT Analysis

14.3.5 Diehl Stiftung & Co. KG

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 Holley Technology Ltd.

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.7 Itron Inc.

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.7.3 Financials

14.3.7.4 SWOT Analysis

14.3.8 Landis+Gyr

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.8.3 Financials

14.3.9 Neptune Technology Group Inc. (Roper Technologies Inc.)

14.3.9.1 Company Overview

14.3.9.2 Product Portfolio

14.3.9.3 SWOT Analysis

14.3.10 Schneider Electric SE

14.3.10.1 Company Overview

- 14.3.10.2 Product Portfolio
- 14.3.10.3 Financials
- 14.3.10.4 SWOT Analysis
- 14.3.11 Sensus USA Inc. (Xylem Inc.)
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 SWOT Analysis
- 14.3.12 Shenzhen Kaifa Technology Co. Ltd.
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
 - 14.3.12.4 SWOT Analysis
- 14.3.13 Zenner International GmbH & Co. KG
 - 14.3.13.1 Company Overview
 - 14.3.13.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Smart Meters Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Smart Meters Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: Smart Meters Market Forecast: Breakup by Technology (in Million US\$), 2023-2028

Table 4: Global: Smart Meters Market Forecast: Breakup by End Use (in Million US\$), 2023-2028

Table 5: Global: Smart Meters Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Smart Meters Market: Competitive Structure

Table 7: Global: Smart Meters Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Smart Meters Market: Major Drivers and Challenges

Figure 2: Global: Smart Meters Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Smart Meters Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Smart Meters Market: Breakup by Product (in %), 2022

Figure 5: Global: Smart Meters Market: Breakup by Technology (in %), 2022

Figure 6: Global: Smart Meters Market: Breakup by End Use (in %), 2022

Figure 7: Global: Smart Meters Market: Breakup by Region (in %), 2022

Figure 8: Global: Smart Meters (Smart Electricity Meter) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Smart Meters (Smart Electricity Meter) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Smart Meters (Smart Water Meter) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Smart Meters (Smart Water Meter) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Smart Meters (Smart Gas Meter) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Smart Meters (Smart Gas Meter) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Smart Meters (AMI (Advanced Metering Infrastructure)) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Smart Meters (AMI (Advanced Metering Infrastructure)) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Smart Meters (AMR (Automatic Meter Reading)) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Smart Meters (AMR (Automatic Meter Reading)) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Smart Meters (Residential) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Smart Meters (Residential) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Smart Meters (Commercial) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Smart Meters (Commercial) Market Forecast: Sales Value (in Million

US\$), 2023-2028

Figure 22: Global: Smart Meters (Industrial) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Smart Meters (Industrial) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: North America: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: North America: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: United States: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: United States: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Canada: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Canada: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Asia-Pacific: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Asia-Pacific: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: China: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: China: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Japan: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Japan: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: India: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: India: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: South Korea: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: South Korea: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Australia: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Australia: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Indonesia: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Indonesia: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Others: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Others: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Europe: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Europe: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Germany: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Germany: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: France: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: France: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: United Kingdom: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: United Kingdom: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Italy: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Italy: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Spain: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Spain: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Russia: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Russia: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Others: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Others: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Latin America: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Latin America: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Brazil: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Brazil: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Mexico: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Mexico: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Others: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Others: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

2023-2028

Figure 70: Middle East and Africa: Smart Meters Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Middle East and Africa: Smart Meters Market: Breakup by Country (in %), 2022

Figure 72: Middle East and Africa: Smart Meters Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: Global: Smart Meters Industry: SWOT Analysis

Figure 74: Global: Smart Meters Industry: Value Chain Analysis

Figure 75: Global: Smart Meters Industry: Porter's Five Forces Analysis

I would like to order

Product name: Smart Meters Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/S0ADFE57A261EN.html>

Price: US\$ 2,499.00 (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/S0ADFE57A261EN.html>

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**

Customer signature _____

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

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

