

Asia Pacific Smart Meters Market 2022-2032 by Component (Hardware, Software & Service), Technology (AMR, AMI), Communication Type (Cellular, RF, PLC), Phase (Single, Three), Specification (SMETS1, SMETS2), Application (Electricity, Gas, Water), End Use (Residential, Commercial, Industrial), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/A34347A43E3DEN.html>

Date: December 2023

Pages: 129

Price: US\$ 2,210.00 (Single User License)

ID: A34347A43E3DEN

Abstracts

Asia Pacific smart meters market will grow by 9.0% annually with a total addressable market cap of \$155.49 billion over 2023-2032. The growth is driven by the advancements in metering technologies, the rising awareness among people regarding energy conservation, a surging focus of governments on replacing conventional meters with smart meters, increasing upgrades of transmission & distribution infrastructure, and rising investments in smart grid projects.

Highlighted with 33 tables and 59 figures, this 133-page report “Asia Pacific Smart Meters Market 2022-2032 by Component (Hardware, Software & Service), Technology (AMR, AMI), Communication Type (Cellular, RF, PLC), Phase (Single, Three), Specification (SMETS1, SMETS2), Application (Electricity, Gas, Water), End Use (Residential, Commercial, Industrial), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Asia Pacific smart meters market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till

2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Asia Pacific smart meters market in every aspect of the classification from perspectives of Component, Technology, Communication Type, Phase, Specification, Application, End Use, and Country.

Based on Component, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Software & Service

Based on Technology, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Automatic Meter Reading (AMR)

Advanced Metering Infrastructure (AMI)

By Communication Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Cellular Technology

Radio Frequency (RF)

Power Line Communication (PLC)

Other Communication Types

By Phase, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Single-phase Smart Meters

Three-phase Smart Meters

By Specification, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

SMETS1 Smart Meters

SMETS2 Smart Meters

By Application, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) and volume (million units) for 2022-2032 included in each section.

Smart Electricity Meters

Smart Gas Meters

Smart Water Meters

By End Use, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Residential Use

Commercial Use

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Technology, Application, and End Use over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

AEM

Aichi Tokei Denki Co., Ltd.

Apator SA

Azbil Kimmon Co., Ltd. (Azbil Corporation)

Badger Meter, Inc.

Diehl Stiftung & Co. KG

EDMI

Elster Group GmbH (Honeywell International Inc.)

Hexing Electric Company Ltd.

Holley Technology Ltd.

Iskraemeco

Itron Inc.

Jiangsu Linyang Energy Co., Ltd.

Kamstrup AS

Landis+Gyr Group AG

Neptune Technology Group Inc.

Ningbo Sanxing Electric Co., Ltd.

Pietro Fiorentini SpA

Sagemcom SAS

Schneider Electric SA

Sensus Usa Inc. (Xylem Inc.)

Siemens AG

Wasion Holdings Limited

Yazaki Corporation

Zenner International GmbH & Co. KG

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF ASIA PACIFIC MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Hardware
- 3.3 Software & Service

4 SEGMENTATION OF ASIA PACIFIC MARKET BY TECHNOLOGY

- 4.1 Market Overview by Technology
- 4.2 Automatic Meter Reading (AMR)
- 4.3 Advanced Metering Infrastructure (AMI)

5 SEGMENTATION OF ASIA PACIFIC MARKET BY COMMUNICATION TYPE

- 5.1 Market Overview by Communication Type
- 5.2 Cellular Technology
- 5.3 Radio Frequency (RF)
- 5.4 Power Line Communication (PLC)
- 5.5 Other Communication Types

6 SEGMENTATION OF ASIA PACIFIC MARKET BY PHASE

- 6.1 Market Overview by Phase
- 6.2 Single-phase Smart Meters
- 6.3 Three-phase Smart Meters

7 SEGMENTATION OF ASIA PACIFIC MARKET BY SPECIFICATION

- 7.1 Market Overview by Specification
- 7.2 SMETS1 Smart Meters
- 7.3 SMETS2 Smart Meters

8 SEGMENTATION OF ASIA PACIFIC MARKET BY APPLICATION

- 8.1 Market Overview by Application
- 8.2 Smart Electricity Meters
- 8.3 Smart Gas Meters
- 8.4 Smart Water Meters

9 SEGMENTATION OF ASIA PACIFIC MARKET BY END USE

- 9.1 Market Overview by End Use
- 9.2 Residential Use
- 9.3 Commercial Use
- 9.4 Industrial Use

10 ASIA-PACIFIC MARKET 2022-2032 BY COUNTRY

- 10.1 Overview of Asia-Pacific Market
- 10.2 Japan

- 10.3 China
- 10.4 Australia
- 10.5 India
- 10.6 South Korea
- 10.7 Rest of APAC Region

11 COMPETITIVE LANDSCAPE

- 11.1 Overview of Key Vendors
- 11.2 New Product Launch, Partnership, Investment, and M&A
- 11.3 Company Profiles

AEM

Aichi Tokei Denki Co., Ltd.

Apator SA

Azbil Kimmon Co., Ltd. (Azbil Corporation)

Badger Meter, Inc.

Diehl Stiftung & Co. KG

EDMI

Elster Group GmbH (Honeywell International Inc.)

Hexing Electric Company Ltd.

Holley Technology Ltd.

Iskraemeco

Itron Inc.

Jiangsu Linyang Energy Co., Ltd.

Kamstrup AS

Landis+Gyr Group AG

Neptune Technology Group Inc.

Ningbo Sanxing Electric Co., Ltd.

Pietro Fiorentini SpA

Sagemcom SAS

Schneider Electric SA

Sensus Usa Inc. (Xylem Inc.)

Siemens AG

Wasion Holdings Limited

Yazaki Corporation

Zenner International GmbH & Co. KG

RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1. Snapshot of Asia Pacific Smart Meters Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. Main Product Trends and Market Opportunities in Asia Pacific Smart Meters Market

Table 6. Asia Pacific Smart Meters Market by Component, 2022-2032, \$ mn

Table 7. Asia Pacific Smart Meters Market by Technology, 2022-2032, \$ mn

Table 8. Asia Pacific Smart Meters Market by Communication Type, 2022-2032, \$ mn

Table 9. Asia Pacific Smart Meters Market by Phase, 2022-2032, \$ mn

Table 10. Asia Pacific Smart Meters Market by Specification, 2022-2032, \$ mn

Table 11. Asia Pacific Smart Meters Market by Application by Value, 2022-2032, \$ mn

Table 12. Asia Pacific Smart Meters Market by Application by Volume, 2022-2032, million units

Table 13. Asia Pacific Smart Meters Market by End Use, 2022-2032, \$ mn

Table 14. APAC Smart Meters Market by Country, 2022-2032, \$ mn

Table 15. Japan Smart Meters Market by Technology, 2022-2032, \$ mn

Table 16. Japan Smart Meters Market by Application, 2022-2032, \$ mn

Table 17. Japan Smart Meters Market by End Use, 2022-2032, \$ mn

Table 18. China Smart Meters Market by Technology, 2022-2032, \$ mn

Table 19. China Smart Meters Market by Application, 2022-2032, \$ mn

Table 20. China Smart Meters Market by End Use, 2022-2032, \$ mn

Table 21. Australia Smart Meters Market by Technology, 2022-2032, \$ mn

Table 22. Australia Smart Meters Market by Application, 2022-2032, \$ mn

Table 23. Australia Smart Meters Market by End Use, 2022-2032, \$ mn

Table 24. India Smart Meters Market by Technology, 2022-2032, \$ mn

Table 25. India Smart Meters Market by Application, 2022-2032, \$ mn

Table 26. India Smart Meters Market by End Use, 2022-2032, \$ mn

Table 27. South Korea Smart Meters Market by Technology, 2022-2032, \$ mn

Table 28. South Korea Smart Meters Market by Application, 2022-2032, \$ mn

Table 29. South Korea Smart Meters Market by End Use, 2022-2032, \$ mn

Table 30. Smart Meters Market in Rest of APAC by Country/Region, 2022-2032, \$ mn

Table 31. AEM: Company Snapshot

Table 32. AEM: Business Segmentation

Table 33. AEM: Product Portfolio

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. Asia Pacific Smart Meters Market by Value, 2022-2032, \$ mn

Figure 5. Asia Pacific Smart Meters Market by Volume, 2022-2032, million units

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Asia Pacific Smart Meters Market

Figure 8. Forecast of Middle-class Population by Region, 2015-2030, million

Figure 9. Worldwide Smart Grid Technology Market, 2022-2028, \$ billion

Figure 10. Drivers for Smart Technology Investment

Figure 11. Primary Restraints and Impact Factors of Asia Pacific Smart Meters Market

Figure 12. Investment Opportunity Analysis

Figure 13. Porter's Five Forces Analysis of Asia Pacific Smart Meters Market

Figure 14. Breakdown of Asia Pacific Smart Meters Market by Component, 2022-2032, % of Revenue

Figure 15. Asia Pacific Addressable Market Cap in 2023-2032 by Component, Value (\$ mn) and Share (%)

Figure 16. Asia Pacific Smart Meters Market by Component: Hardware, 2022-2032, \$ mn

Figure 17. Asia Pacific Smart Meters Market by Component: Software & Service, 2022-2032, \$ mn

Figure 18. Breakdown of Asia Pacific Smart Meters Market by Technology, 2022-2032, % of Sales Revenue

Figure 19. Asia Pacific Addressable Market Cap in 2023-2032 by Technology, Value (\$ mn) and Share (%)

Figure 20. Asia Pacific Smart Meters Market by Technology: Automatic Meter Reading (AMR), 2022-2032, \$ mn

Figure 21. Asia Pacific Smart Meters Market by Technology: Advanced Metering Infrastructure (AMI), 2022-2032, \$ mn

Figure 22. Breakdown of Asia Pacific Smart Meters Market by Communication Type, 2022-2032, % of Sales Revenue

Figure 23. Asia Pacific Addressable Market Cap in 2023-2032 by Communication Type, Value (\$ mn) and Share (%)

Figure 24. Asia Pacific Smart Meters Market by Communication Type: Cellular

Technology, 2022-2032, \$ mn

Figure 25. Asia Pacific Smart Meters Market by Communication Type: Radio Frequency (RF), 2022-2032, \$ mn

Figure 26. Asia Pacific Smart Meters Market by Communication Type: Power Line Communication (PLC), 2022-2032, \$ mn

Figure 27. Asia Pacific Smart Meters Market by Communication Type: Other Communication Types, 2022-2032, \$ mn

Figure 28. Breakdown of Asia Pacific Smart Meters Market by Phase, 2022-2032, % of Revenue

Figure 29. Asia Pacific Addressable Market Cap in 2023-2032 by Phase, Value (\$ mn) and Share (%)

Figure 30. Asia Pacific Smart Meters Market by Phase: Single-phase Smart Meters, 2022-2032, \$ mn

Figure 31. Asia Pacific Smart Meters Market by Phase: Three-phase Smart Meters, 2022-2032, \$ mn

Figure 32. Breakdown of Asia Pacific Smart Meters Market by Specification, 2022-2032, % of Revenue

Figure 33. Asia Pacific Addressable Market Cap in 2023-2032 by Specification, Value (\$ mn) and Share (%)

Figure 34. Asia Pacific Smart Meters Market by Specification: SMETS1 Smart Meters, 2022-2032, \$ mn

Figure 35. Asia Pacific Smart Meters Market by Specification: SMETS2 Smart Meters, 2022-2032, \$ mn

Figure 36. Breakdown of Asia Pacific Smart Meters Market by Application, 2022-2032, % of Sales Value

Figure 37. Asia Pacific Addressable Market Cap in 2023-2032 by Application, Value (\$ mn) and Share (%)

Figure 38. Breakdown of Asia Pacific Smart Meters Market by Application, 2022-2032, % of Sales Volume

Figure 39. Asia Pacific Addressable Market Cap in 2023-2032 by Application, Volume (million units) and Share (%)

Figure 40. Asia Pacific Smart Meters Market by Application: Smart Electricity Meters, 2022-2032, \$ mn

Figure 41. Asia Pacific Smart Meters Market by Application: Smart Electricity Meters, 2022-2032, million units

Figure 42. Asia Pacific Smart Meters Market by Application: Smart Gas Meters, 2022-2032, \$ mn

Figure 43. Asia Pacific Smart Meters Market by Application: Smart Gas Meters, 2022-2032, million units

Figure 44. Asia Pacific Smart Meters Market by Application: Smart Water Meters, 2022-2032, \$ mn

Figure 45. Asia Pacific Smart Meters Market by Application: Smart Water Meters, 2022-2032, million units

Figure 46. Breakdown of Asia Pacific Smart Meters Market by End Use, 2022-2032, % of Revenue

Figure 47. Asia Pacific Addressable Market Cap in 2023-2032 by End Use, Value (\$ mn) and Share (%)

Figure 48. Asia Pacific Smart Meters Market by End Use: Residential Use, 2022-2032, \$ mn

Figure 49. Asia Pacific Smart Meters Market by End Use: Commercial Use, 2022-2032, \$ mn

Figure 50. Asia Pacific Smart Meters Market by End Use: Industrial Use, 2022-2032, \$ mn

Figure 51. Breakdown of APAC Smart Meters Market by Country, 2022 and 2032, % of Revenue

Figure 52. Contribution to APAC 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 53. Smart Meters Market in Japan, 2022-2032, \$ mn

Figure 54. Smart Meters Market in China, 2022-2032, \$ mn

Figure 55. Smart Meters Market in Australia, 2022-2032, \$ mn

Figure 56. Smart Meters Market in India, 2022-2032, \$ mn

Figure 57. Smart Meters Market in South Korea, 2022-2032, \$ mn

Figure 58. Smart Meters Market in Rest of APAC, 2022-2032, \$ mn

Figure 59. Growth Stage of Asia Pacific Smart Meters Industry over the Forecast Period

I would like to order

Product name: Asia Pacific Smart Meters Market 2022-2032 by Component (Hardware, Software & Service), Technology (AMR, AMI), Communication Type (Cellular, RF, PLC), Phase (Single, Three), Specification (SMETS1, SMETS2), Application (Electricity, Gas, Water), End Use (Residential, Commercial, Industrial), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/A34347A43E3DEN.html>

Price: US\$ 2,210.00 (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/A34347A43E3DEN.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