

Asia Pacific Satellite Propulsion Market Forecast to 2031 - Regional Analysis - by Propulsion Type (Solid Propulsion, Cold Gas Propulsion, Green Propulsion, Electric Propulsion, and Ambipolar Propulsion), System Type (Monopropellant, Bipropellant, and Electric Ion Propulsion), Application (Launchers, Spacecraft, Satellites, Space Tugs, and Landers), and Orbit Type (LEO, MEO and GEO, and Beyond GEO)

<https://marketpublishers.com/r/AF9A38116399EN.html>

Date: October 2024

Pages: 112

Price: US\$ 3,550.00 (Single User License)

ID: AF9A38116399EN

Abstracts

The Asia Pacific satellite propulsion market was valued at US\$ 2,621.67 million in 2023 and is expected to reach US\$ 8,840.54 million by 2031; it is estimated to register a CAGR of 16.4% from 2023 to 2031.

Deployment of Satellite Constellations Boosts Asia Pacific Satellite Propulsion Market

The substantial upsurge in satellite constellations has propelled the requirement for a competent satellite constellation management plan. To address this emerging need, companies and agencies operating in the space industry are analyzing the potential strategies for constellation launches, set-ups, alternatives for failed satellites, and end-of-life policies. In 2023, OneWeb announced the deployment and contact of 36 satellites launched by NewSpace India Limited from the Satish Dhawan Space Centre in Sriharikota, India. OneWeb's 18th satellite launch brings the number of constellations to 618 satellites in orbit. SpaceX, Iridium constellation, and Globalstar constellation project are operating space constellation programs globally. In 2024, China announced plans to start building its own network of LEO satellite internet constellations utilizing low Earth orbit. The country aims to become a major space competitor to the US, and part of the

plan calls for the deployment of over 26,000 satellites to give global coverage, according to a report published in Japan's Nikkei. Beijing established the China Satellite Network Group, or SatNet, a state-owned company, in 2021. This action came after China notified the International Telecommunication Union of its intention to launch over 13,000 satellites in order to establish a network of high-speed internet access. According to Chinese media sources, this project's first phase will witness the launch of over 1,300 satellites between the first half of 2024 and 2029-or 10% of the total number planned. Thus, the growing deployment of satellite constellations is anticipated to provide lucrative opportunities for the satellite propulsion market during the forecast period.

Asia Pacific Satellite Propulsion Market Overview

The Asia Pacific satellite propulsion market growth is attributed to product innovation and strategic collaborations. With a strong focus on satellite launches, countries in Asia Pacific, including China, India, Australia, and Japan, have emerged as key players in advancing satellite propulsion technologies. Major industry contributors include leading aerospace and space companies such as Neumann; Space Machines Company; Beijing Spacecraft Manufacturing Co., Ltd; China Aerospace Science; Technology Corporation; and Kongtian Dongli. The companies are renowned for their initiatives in the space technology sector.

The Asia Pacific satellite propulsion market benefits from combined initiatives facilitated by organizations such as the Indian Space Research Organization (ISRO), SmartSat Cooperative Research Centre, and the South Korean Ministry of Science and ICT. The partnerships between government agencies and research organizations accelerate research and development and other activities supporting the space-related projects of member states. The region's commitment to space exploration is apparent in projects such as the Space Industry Responsive Intelligent Thermal (SpIRIT) satellite launch project, the Apstar 6-E satellite launch project, and the LOTUSat-1 project, which emphasizes Earth observation and environmental monitoring. As demand for small satellites and satellite consortiums is rising, the Asia Pacific satellite propulsion market is witnessing strong growth.

Asia Pacific Satellite Propulsion Market Revenue and Forecast to 2031 (US\$ Million)

Asia Pacific Satellite Propulsion Market Segmentation

The Asia Pacific satellite propulsion market is categorized into propulsion type, system

type, application, satellites, orbit type, and country.

Based on propulsion type, the Asia Pacific satellite propulsion market is segmented solid propulsion, cold gas propulsion, green propulsion, electric propulsion, and ambipolar propulsion. The electric propulsion segment held the largest market share in 2023.

In terms of system type, the Asia Pacific satellite propulsion market is categorized into monopropellant, bipropellant, and electric ion propulsion. The electric ion propulsion segment held the largest market share in 2023.

By application, the Asia Pacific satellite propulsion market is segmented into launchers, spacecraft, satellites, space tugs, and landers. The private segment held the largest market share in 2023. The satellites is further sub segmented into Below 500 Kg, 500-1000 Kg, and Above 1000 Kg.

In terms of orbit type, the Asia Pacific satellite propulsion market is categorized into LEO, MEO and GEO, and beyond GEO. The LEO segment held the largest market share in 2023.

B By country, the Asia Pacific satellite propulsion market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China dominated the Asia Pacific satellite propulsion market share in 2023.

Moog Inc, Thales SA, Safran SA, Northrop Grumman Corp, Airbus SE, IHI Corp, ArianeGroup, and Bellatrix Aerospace Pvt. Ltd are some of the leading companies operating in the Asia Pacific satellite propulsion market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. ASIA PACIFIC SATELLITE PROPULSION MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Porter's Five Forces Analysis
- 4.3 Ecosystem Analysis
 - 4.3.1 Component Manufacturer:
 - 4.3.2 Satellite Propulsion System Providers:
 - 4.3.3 End User:
- 4.4 Premium Insights
 - 4.4.1 Lunar Lander Propulsion Analysis

5. ASIA PACIFIC SATELLITE PROPULSION MARKET - KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Rising Number of Satellite Launches
 - 5.1.2 Growing Initiatives to Launch Space Landers, Spacecraft, and Space Tugs
 - 5.1.3 Rising Number of Strategic Initiatives by Market Players
- 5.2 Market Restraints
 - 5.2.1 Increasing Space Debris
 - 5.2.2 Complexity of Space Policy and International Relations
- 5.3 Market Opportunities

5.3.1 Deployment of Satellite Constellations

5.3.2 Rising Number of Strategic Initiatives for Satellite Launch Vehicles by Market Players

5.4 Future Trends

5.4.1 Emergence of Ridesharing Services

5.5 Impact of Drivers and Restraints:

6. SATELLITE PROPULSION MARKET - ASIA PACIFIC ANALYSIS

6.1 Asia Pacific Satellite Propulsion Market Revenue (US\$ Million), 2021-2031

6.2 Asia Pacific Satellite Propulsion Market Forecast Analysis

7. ASIA PACIFIC SATELLITE PROPULSION MARKET ANALYSIS - BY PROPULSION TYPE

7.1 Solid Propulsion

7.1.1 Overview

7.1.2 Solid Propulsion: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

7.2 Cold Gas Propulsion

7.2.1 Overview

7.2.2 Cold Gas Propulsion: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

7.3 Green Propulsion

7.3.1 Overview

7.3.2 Green Propulsion: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

7.4 Electric Propulsion

7.4.1 Overview

7.4.2 Electric Propulsion: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

7.5 Ambipolar Propulsion

7.5.1 Overview

7.5.2 Ambipolar Propulsion: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

8. ASIA PACIFIC SATELLITE PROPULSION MARKET ANALYSIS - BY SYSTEM TYPE

8.1 Monopropellant

8.1.1 Overview

8.1.2 Monopropellant: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

8.2 Bipropellant

8.2.1 Overview

8.2.2 Bipropellant: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

8.3 Electric Ion Propulsion

8.3.1 Overview

8.3.2 Electric Ion Propulsion: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

9. ASIA PACIFIC SATELLITE PROPULSION MARKET ANALYSIS - BY APPLICATION

9.1 Launchers

9.1.1 Overview

9.1.2 Launchers: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

9.2 Spacecraft

9.2.1 Overview

9.2.2 Spacecraft: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

9.3 Satellites

9.3.1 Overview

9.3.2 Below 500 Kg

9.3.3 500-1000 Kg

9.3.4 Above 1000 Kg

9.3.5 Satellites: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

9.4 Space Tugs

9.4.1 Overview

9.4.2 Space Tugs: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

9.5 Landers

9.5.1 Overview

9.5.2 Landers: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

10. ASIA PACIFIC SATELLITE PROPULSION MARKET ANALYSIS - BY ORBIT TYPE

10.1 LEO

10.1.1 Overview

10.1.2 LEO: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

10.2 MEO and GEO

10.2.1 Overview

10.2.2 MEO and GEO: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

10.3 Beyond GEO

10.3.1 Overview

10.3.2 Beyond GEO: Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

11. ASIA PACIFIC SATELLITE PROPULSION MARKET - COUNTRY ANALYSIS

11.1 Overview

11.1.1 Asia Pacific Satellite Propulsion Market - Revenue and Forecast Analysis - by Country

11.1.1.1 Asia Pacific Satellite Propulsion Market - Revenue and Forecast Analysis - by Country

11.1.1.2 Australia Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.1.2.1 Australia Satellite Propulsion Market Breakdown, by Propulsion Type

11.1.1.2.2 Australia Satellite Propulsion Market Breakdown, by System Type

11.1.1.2.3 Australia Satellite Propulsion Market Breakdown, by Application

11.1.1.2.3.1 Australia Satellite Propulsion Market Breakdown, by Satellites

11.1.1.2.4 Australia Satellite Propulsion Market Breakdown, by Orbit Type

11.1.1.3 China Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.1.3.1 China Satellite Propulsion Market Breakdown, by Propulsion Type

11.1.1.3.2 China Satellite Propulsion Market Breakdown, by System Type

11.1.1.3.3 China Satellite Propulsion Market Breakdown, by Application

11.1.1.3.3.1 China Satellite Propulsion Market Breakdown, by Satellites

11.1.1.3.4 China Satellite Propulsion Market Breakdown, by Orbit Type

11.1.1.4 India Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$

Million)

11.1.1.4.1 India Satellite Propulsion Market Breakdown, by Propulsion Type

11.1.1.4.2 India Satellite Propulsion Market Breakdown, by System Type

11.1.1.4.3 India Satellite Propulsion Market Breakdown, by Application

11.1.1.4.3.1 India Satellite Propulsion Market Breakdown, by Satellites

11.1.1.4.4 India Satellite Propulsion Market Breakdown, by Orbit Type

11.1.1.5 Japan Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.1.5.1 Japan Satellite Propulsion Market Breakdown, by Propulsion Type

11.1.1.5.2 Japan Satellite Propulsion Market Breakdown, by System Type

11.1.1.5.3 Japan Satellite Propulsion Market Breakdown, by Application

11.1.1.5.3.1 Japan Satellite Propulsion Market Breakdown, by Satellites

11.1.1.5.4 Japan Satellite Propulsion Market Breakdown, by Orbit Type

11.1.1.6 South Korea Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.1.6.1 South Korea Satellite Propulsion Market Breakdown, by Propulsion Type

11.1.1.6.2 South Korea Satellite Propulsion Market Breakdown, by System Type

11.1.1.6.3 South Korea Satellite Propulsion Market Breakdown, by Application

11.1.1.6.3.1 South Korea Satellite Propulsion Market Breakdown, by Satellites

11.1.1.6.4 South Korea Satellite Propulsion Market Breakdown, by Orbit Type

11.1.1.7 Rest of Asia Pacific Satellite Propulsion Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.1.7.1 Rest of Asia Pacific Satellite Propulsion Market Breakdown, by Propulsion Type

11.1.1.7.2 Rest of Asia Pacific Satellite Propulsion Market Breakdown, by System Type

11.1.1.7.3 Rest of Asia Pacific Satellite Propulsion Market Breakdown, by Application

11.1.1.7.3.1 Rest of Asia Pacific Satellite Propulsion Market Breakdown, by Satellites

11.1.1.7.4 Rest of Asia Pacific Satellite Propulsion Market Breakdown, by Orbit Type

12. COMPETITIVE LANDSCAPE

12.1 Company Positioning & Concentration

13. INDUSTRY LANDSCAPE

- 13.1 Overview
- 13.2 Market Initiative
- 13.3 Product Development

14. COMPANY PROFILES

- 14.1 Moog Inc
 - 14.1.1 Key Facts
 - 14.1.2 Business Description
 - 14.1.3 Products and Services
 - 14.1.4 Financial Overview
 - 14.1.5 SWOT Analysis
 - 14.1.6 Key Developments
- 14.2 Thales SA
 - 14.2.1 Key Facts
 - 14.2.2 Business Description
 - 14.2.3 Products and Services
 - 14.2.4 Financial Overview
 - 14.2.5 SWOT Analysis
 - 14.2.6 Key Developments
- 14.3 Safran SA
 - 14.3.1 Key Facts
 - 14.3.2 Business Description
 - 14.3.3 Products and Services
 - 14.3.4 Financial Overview
 - 14.3.5 SWOT Analysis
 - 14.3.6 Key Developments
- 14.4 Northrop Grumman Corp
 - 14.4.1 Key Facts
 - 14.4.2 Business Description
 - 14.4.3 Products and Services
 - 14.4.4 Financial Overview
 - 14.4.5 SWOT Analysis
 - 14.4.6 Key Developments
- 14.5 Airbus SE
 - 14.5.1 Key Facts
 - 14.5.2 Business Description
 - 14.5.3 Products and Services
 - 14.5.4 Financial Overview

14.5.5 SWOT Analysis

14.5.6 Key Developments

14.6 IHI Corp

14.6.1 Key Facts

14.6.2 Business Description

14.6.3 Products and Services

14.6.4 Financial Overview

14.6.5 SWOT Analysis

14.6.6 Key Developments

14.7 ArianeGroup

14.7.1 Key Facts

14.7.2 Business Description

14.7.3 Products and Services

14.7.4 Financial Overview

14.7.5 SWOT Analysis

14.7.6 Key Developments

14.8 Bellatrix Aerospace Pvt. Ltd

14.8.1 Key Facts

14.8.2 Business Description

14.8.3 Products and Services

14.8.4 Financial Overview

14.8.5 SWOT Analysis

14.8.6 Key Developments

15. APPENDIX

15.1 About The Insight Partners

I would like to order

Product name: Asia Pacific Satellite Propulsion Market Forecast to 2031 - Regional Analysis - by Propulsion Type (Solid Propulsion, Cold Gas Propulsion, Green Propulsion, Electric Propulsion, and Ambipolar Propulsion), System Type (Monopropellant, Bipropellant, and Electric Ion Propulsion), Application (Launchers, Spacecraft, Satellites, Space Tugs, and Landers), and Orbit Type (LEO, MEO and GEO, and Beyond GEO)

Product link: <https://marketpublishers.com/r/AF9A38116399EN.html>

Price: US\$ 3,550.00 (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/AF9A38116399EN.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