

Global Spacecraft Electric Propulsion Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GE139F8EF95EEN.html>

Date: May 2023

Pages: 108

Price: US\$ 3,480.00 (Single User License)

ID: GE139F8EF95EEN

Abstracts

According to our (Global Info Research) latest study, the global Spacecraft Electric Propulsion market size was valued at USD 3515.9 million in 2022 and is forecast to a readjusted size of USD 9925.9 million by 2029 with a CAGR of 16.0% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Spacecraft electric propulsion (or just electric propulsion) is a type of spacecraft propulsion technique that uses electrostatic or electromagnetic fields to accelerate mass to high speed and thus generate thrust to modify the velocity of a spacecraft in orbit. The propulsion system is controlled by power electronics.

This report is a detailed and comprehensive analysis for global Spacecraft Electric Propulsion market. Both quantitative and qualitative analyses are presented by manufacturers, 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 2023, are provided.

Key Features:

Global Spacecraft Electric Propulsion market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Spacecraft Electric Propulsion market size and forecasts by region and country,

in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Spacecraft Electric Propulsion market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2018-2029

Global Spacecraft Electric Propulsion market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2018-2023

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 Spacecraft Electric Propulsion

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 Spacecraft Electric Propulsion market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Safran, Northrop Grumman, Aerojet Rocketdyne, ArianeGroup and IHI Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Spacecraft Electric Propulsion market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Electrothermal

Electrostatic

Electromagnetic

Market segment by Application

Satellite Operators and Owners

Space Launch Service Providers

National Space Agencies

Departments of Defense

Others

Major players covered

Safran

Northrop Grumman

Aerojet Rocketdyne

ArianeGroup

IHI Corporation

CASC

OHB System

SpaceX

Thales

Roscosmos

Lockheed Martin

Rafael

Busek

Avio

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Spacecraft Electric Propulsion product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Spacecraft Electric Propulsion, with price, sales, revenue and global market share of Spacecraft Electric Propulsion from 2018 to 2023.

Chapter 3, the Spacecraft Electric Propulsion competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Spacecraft Electric Propulsion breakdown data are shown at the regional

level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Spacecraft Electric Propulsion market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Spacecraft Electric Propulsion.

Chapter 14 and 15, to describe Spacecraft Electric Propulsion sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Spacecraft Electric Propulsion
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Spacecraft Electric Propulsion Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Electrothermal
 - 1.3.3 Electrostatic
 - 1.3.4 Electromagnetic
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Spacecraft Electric Propulsion Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Satellite Operators and Owners
 - 1.4.3 Space Launch Service Providers
 - 1.4.4 National Space Agencies
 - 1.4.5 Departments of Defense
 - 1.4.6 Others
- 1.5 Global Spacecraft Electric Propulsion Market Size & Forecast
 - 1.5.1 Global Spacecraft Electric Propulsion Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Spacecraft Electric Propulsion Sales Quantity (2018-2029)
 - 1.5.3 Global Spacecraft Electric Propulsion Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Safran
 - 2.1.1 Safran Details
 - 2.1.2 Safran Major Business
 - 2.1.3 Safran Spacecraft Electric Propulsion Product and Services
 - 2.1.4 Safran Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Safran Recent Developments/Updates
- 2.2 Northrop Grumman
 - 2.2.1 Northrop Grumman Details
 - 2.2.2 Northrop Grumman Major Business
 - 2.2.3 Northrop Grumman Spacecraft Electric Propulsion Product and Services
 - 2.2.4 Northrop Grumman Spacecraft Electric Propulsion Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Northrop Grumman Recent Developments/Updates

2.3 Aerojet Rocketdyne

2.3.1 Aerojet Rocketdyne Details

2.3.2 Aerojet Rocketdyne Major Business

2.3.3 Aerojet Rocketdyne Spacecraft Electric Propulsion Product and Services

2.3.4 Aerojet Rocketdyne Spacecraft Electric Propulsion Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Aerojet Rocketdyne Recent Developments/Updates

2.4 ArianeGroup

2.4.1 ArianeGroup Details

2.4.2 ArianeGroup Major Business

2.4.3 ArianeGroup Spacecraft Electric Propulsion Product and Services

2.4.4 ArianeGroup Spacecraft Electric Propulsion Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 ArianeGroup Recent Developments/Updates

2.5 IHI Corporation

2.5.1 IHI Corporation Details

2.5.2 IHI Corporation Major Business

2.5.3 IHI Corporation Spacecraft Electric Propulsion Product and Services

2.5.4 IHI Corporation Spacecraft Electric Propulsion Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 IHI Corporation Recent Developments/Updates

2.6 CASC

2.6.1 CASC Details

2.6.2 CASC Major Business

2.6.3 CASC Spacecraft Electric Propulsion Product and Services

2.6.4 CASC Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.6.5 CASC Recent Developments/Updates

2.7 OHB System

2.7.1 OHB System Details

2.7.2 OHB System Major Business

2.7.3 OHB System Spacecraft Electric Propulsion Product and Services

2.7.4 OHB System Spacecraft Electric Propulsion Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 OHB System Recent Developments/Updates

2.8 SpaceX

2.8.1 SpaceX Details

- 2.8.2 SpaceX Major Business
- 2.8.3 SpaceX Spacecraft Electric Propulsion Product and Services
- 2.8.4 SpaceX Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 SpaceX Recent Developments/Updates
- 2.9 Thales
 - 2.9.1 Thales Details
 - 2.9.2 Thales Major Business
 - 2.9.3 Thales Spacecraft Electric Propulsion Product and Services
 - 2.9.4 Thales Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Thales Recent Developments/Updates
- 2.10 Roscosmos
 - 2.10.1 Roscosmos Details
 - 2.10.2 Roscosmos Major Business
 - 2.10.3 Roscosmos Spacecraft Electric Propulsion Product and Services
 - 2.10.4 Roscosmos Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 Roscosmos Recent Developments/Updates
- 2.11 Lockheed Martin
 - 2.11.1 Lockheed Martin Details
 - 2.11.2 Lockheed Martin Major Business
 - 2.11.3 Lockheed Martin Spacecraft Electric Propulsion Product and Services
 - 2.11.4 Lockheed Martin Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 Lockheed Martin Recent Developments/Updates
- 2.12 Rafael
 - 2.12.1 Rafael Details
 - 2.12.2 Rafael Major Business
 - 2.12.3 Rafael Spacecraft Electric Propulsion Product and Services
 - 2.12.4 Rafael Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 Rafael Recent Developments/Updates
- 2.13 Busek
 - 2.13.1 Busek Details
 - 2.13.2 Busek Major Business
 - 2.13.3 Busek Spacecraft Electric Propulsion Product and Services
 - 2.13.4 Busek Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.13.5 Busek Recent Developments/Updates
- 2.14 Avio
 - 2.14.1 Avio Details
 - 2.14.2 Avio Major Business
 - 2.14.3 Avio Spacecraft Electric Propulsion Product and Services
 - 2.14.4 Avio Spacecraft Electric Propulsion Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.14.5 Avio Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SPACECRAFT ELECTRIC PROPULSION BY MANUFACTURER

- 3.1 Global Spacecraft Electric Propulsion Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Spacecraft Electric Propulsion Revenue by Manufacturer (2018-2023)
- 3.3 Global Spacecraft Electric Propulsion Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Spacecraft Electric Propulsion by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Spacecraft Electric Propulsion Manufacturer Market Share in 2022
 - 3.4.2 Top 6 Spacecraft Electric Propulsion Manufacturer Market Share in 2022
- 3.5 Spacecraft Electric Propulsion Market: Overall Company Footprint Analysis
 - 3.5.1 Spacecraft Electric Propulsion Market: Region Footprint
 - 3.5.2 Spacecraft Electric Propulsion Market: Company Product Type Footprint
 - 3.5.3 Spacecraft Electric Propulsion Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Spacecraft Electric Propulsion Market Size by Region
 - 4.1.1 Global Spacecraft Electric Propulsion Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Spacecraft Electric Propulsion Consumption Value by Region (2018-2029)
 - 4.1.3 Global Spacecraft Electric Propulsion Average Price by Region (2018-2029)
- 4.2 North America Spacecraft Electric Propulsion Consumption Value (2018-2029)
- 4.3 Europe Spacecraft Electric Propulsion Consumption Value (2018-2029)
- 4.4 Asia-Pacific Spacecraft Electric Propulsion Consumption Value (2018-2029)
- 4.5 South America Spacecraft Electric Propulsion Consumption Value (2018-2029)
- 4.6 Middle East and Africa Spacecraft Electric Propulsion Consumption Value

(2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Spacecraft Electric Propulsion Sales Quantity by Type (2018-2029)

5.2 Global Spacecraft Electric Propulsion Consumption Value by Type (2018-2029)

5.3 Global Spacecraft Electric Propulsion Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Spacecraft Electric Propulsion Sales Quantity by Application (2018-2029)

6.2 Global Spacecraft Electric Propulsion Consumption Value by Application
(2018-2029)

6.3 Global Spacecraft Electric Propulsion Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Spacecraft Electric Propulsion Sales Quantity by Type (2018-2029)

7.2 North America Spacecraft Electric Propulsion Sales Quantity by Application
(2018-2029)

7.3 North America Spacecraft Electric Propulsion Market Size by Country

7.3.1 North America Spacecraft Electric Propulsion Sales Quantity by Country
(2018-2029)

7.3.2 North America Spacecraft Electric Propulsion Consumption Value by Country
(2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Spacecraft Electric Propulsion Sales Quantity by Type (2018-2029)

8.2 Europe Spacecraft Electric Propulsion Sales Quantity by Application (2018-2029)

8.3 Europe Spacecraft Electric Propulsion Market Size by Country

8.3.1 Europe Spacecraft Electric Propulsion Sales Quantity by Country (2018-2029)

8.3.2 Europe Spacecraft Electric Propulsion Consumption Value by Country
(2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Spacecraft Electric Propulsion Market Size by Region

9.3.1 Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Spacecraft Electric Propulsion Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Spacecraft Electric Propulsion Sales Quantity by Type (2018-2029)

10.2 South America Spacecraft Electric Propulsion Sales Quantity by Application (2018-2029)

10.3 South America Spacecraft Electric Propulsion Market Size by Country

10.3.1 South America Spacecraft Electric Propulsion Sales Quantity by Country (2018-2029)

10.3.2 South America Spacecraft Electric Propulsion Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Application

(2018-2029)

11.3 Middle East & Africa Spacecraft Electric Propulsion Market Size by Country

11.3.1 Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Country

(2018-2029)

11.3.2 Middle East & Africa Spacecraft Electric Propulsion Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Spacecraft Electric Propulsion Market Drivers

12.2 Spacecraft Electric Propulsion Market Restraints

12.3 Spacecraft Electric Propulsion Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Spacecraft Electric Propulsion and Key Manufacturers

13.2 Manufacturing Costs Percentage of Spacecraft Electric Propulsion

13.3 Spacecraft Electric Propulsion Production Process

13.4 Spacecraft Electric Propulsion Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Spacecraft Electric Propulsion Typical Distributors

14.3 Spacecraft Electric Propulsion Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Spacecraft Electric Propulsion Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Spacecraft Electric Propulsion Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Safran Basic Information, Manufacturing Base and Competitors

Table 4. Safran Major Business

Table 5. Safran Spacecraft Electric Propulsion Product and Services

Table 6. Safran Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Safran Recent Developments/Updates

Table 8. Northrop Grumman Basic Information, Manufacturing Base and Competitors

Table 9. Northrop Grumman Major Business

Table 10. Northrop Grumman Spacecraft Electric Propulsion Product and Services

Table 11. Northrop Grumman Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Northrop Grumman Recent Developments/Updates

Table 13. Aerojet Rocketdyne Basic Information, Manufacturing Base and Competitors

Table 14. Aerojet Rocketdyne Major Business

Table 15. Aerojet Rocketdyne Spacecraft Electric Propulsion Product and Services

Table 16. Aerojet Rocketdyne Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Aerojet Rocketdyne Recent Developments/Updates

Table 18. ArianeGroup Basic Information, Manufacturing Base and Competitors

Table 19. ArianeGroup Major Business

Table 20. ArianeGroup Spacecraft Electric Propulsion Product and Services

Table 21. ArianeGroup Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. ArianeGroup Recent Developments/Updates

Table 23. IHI Corporation Basic Information, Manufacturing Base and Competitors

Table 24. IHI Corporation Major Business

Table 25. IHI Corporation Spacecraft Electric Propulsion Product and Services

Table 26. IHI Corporation Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share

(2018-2023)

Table 27. IHI Corporation Recent Developments/Updates

Table 28. CASC Basic Information, Manufacturing Base and Competitors

Table 29. CASC Major Business

Table 30. CASC Spacecraft Electric Propulsion Product and Services

Table 31. CASC Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. CASC Recent Developments/Updates

Table 33. OHB System Basic Information, Manufacturing Base and Competitors

Table 34. OHB System Major Business

Table 35. OHB System Spacecraft Electric Propulsion Product and Services

Table 36. OHB System Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. OHB System Recent Developments/Updates

Table 38. SpaceX Basic Information, Manufacturing Base and Competitors

Table 39. SpaceX Major Business

Table 40. SpaceX Spacecraft Electric Propulsion Product and Services

Table 41. SpaceX Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. SpaceX Recent Developments/Updates

Table 43. Thales Basic Information, Manufacturing Base and Competitors

Table 44. Thales Major Business

Table 45. Thales Spacecraft Electric Propulsion Product and Services

Table 46. Thales Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Thales Recent Developments/Updates

Table 48. Roscosmos Basic Information, Manufacturing Base and Competitors

Table 49. Roscosmos Major Business

Table 50. Roscosmos Spacecraft Electric Propulsion Product and Services

Table 51. Roscosmos Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Roscosmos Recent Developments/Updates

Table 53. Lockheed Martin Basic Information, Manufacturing Base and Competitors

Table 54. Lockheed Martin Major Business

Table 55. Lockheed Martin Spacecraft Electric Propulsion Product and Services

Table 56. Lockheed Martin Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Lockheed Martin Recent Developments/Updates

Table 58. Rafael Basic Information, Manufacturing Base and Competitors

Table 59. Rafael Major Business

Table 60. Rafael Spacecraft Electric Propulsion Product and Services

Table 61. Rafael Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Rafael Recent Developments/Updates

Table 63. Busek Basic Information, Manufacturing Base and Competitors

Table 64. Busek Major Business

Table 65. Busek Spacecraft Electric Propulsion Product and Services

Table 66. Busek Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Busek Recent Developments/Updates

Table 68. Avio Basic Information, Manufacturing Base and Competitors

Table 69. Avio Major Business

Table 70. Avio Spacecraft Electric Propulsion Product and Services

Table 71. Avio Spacecraft Electric Propulsion Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Avio Recent Developments/Updates

Table 73. Global Spacecraft Electric Propulsion Sales Quantity by Manufacturer (2018-2023) & (Units)

Table 74. Global Spacecraft Electric Propulsion Revenue by Manufacturer (2018-2023) & (USD Million)

Table 75. Global Spacecraft Electric Propulsion Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 76. Market Position of Manufacturers in Spacecraft Electric Propulsion, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 77. Head Office and Spacecraft Electric Propulsion Production Site of Key Manufacturer

Table 78. Spacecraft Electric Propulsion Market: Company Product Type Footprint

Table 79. Spacecraft Electric Propulsion Market: Company Product Application Footprint

Table 80. Spacecraft Electric Propulsion New Market Entrants and Barriers to Market Entry

Table 81. Spacecraft Electric Propulsion Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Spacecraft Electric Propulsion Sales Quantity by Region (2018-2023) & (Units)

Table 83. Global Spacecraft Electric Propulsion Sales Quantity by Region (2024-2029) & (Units)

Table 84. Global Spacecraft Electric Propulsion Consumption Value by Region (2018-2023) & (USD Million)

Table 85. Global Spacecraft Electric Propulsion Consumption Value by Region (2024-2029) & (USD Million)

Table 86. Global Spacecraft Electric Propulsion Average Price by Region (2018-2023) & (US\$/Unit)

Table 87. Global Spacecraft Electric Propulsion Average Price by Region (2024-2029) & (US\$/Unit)

Table 88. Global Spacecraft Electric Propulsion Sales Quantity by Type (2018-2023) & (Units)

Table 89. Global Spacecraft Electric Propulsion Sales Quantity by Type (2024-2029) & (Units)

Table 90. Global Spacecraft Electric Propulsion Consumption Value by Type (2018-2023) & (USD Million)

Table 91. Global Spacecraft Electric Propulsion Consumption Value by Type (2024-2029) & (USD Million)

Table 92. Global Spacecraft Electric Propulsion Average Price by Type (2018-2023) & (US\$/Unit)

Table 93. Global Spacecraft Electric Propulsion Average Price by Type (2024-2029) & (US\$/Unit)

Table 94. Global Spacecraft Electric Propulsion Sales Quantity by Application (2018-2023) & (Units)

Table 95. Global Spacecraft Electric Propulsion Sales Quantity by Application (2024-2029) & (Units)

Table 96. Global Spacecraft Electric Propulsion Consumption Value by Application (2018-2023) & (USD Million)

Table 97. Global Spacecraft Electric Propulsion Consumption Value by Application (2024-2029) & (USD Million)

Table 98. Global Spacecraft Electric Propulsion Average Price by Application (2018-2023) & (US\$/Unit)

Table 99. Global Spacecraft Electric Propulsion Average Price by Application (2024-2029) & (US\$/Unit)

Table 100. North America Spacecraft Electric Propulsion Sales Quantity by Type (2018-2023) & (Units)

Table 101. North America Spacecraft Electric Propulsion Sales Quantity by Type (2024-2029) & (Units)

Table 102. North America Spacecraft Electric Propulsion Sales Quantity by Application (2018-2023) & (Units)

Table 103. North America Spacecraft Electric Propulsion Sales Quantity by Application

(2024-2029) & (Units)

Table 104. North America Spacecraft Electric Propulsion Sales Quantity by Country (2018-2023) & (Units)

Table 105. North America Spacecraft Electric Propulsion Sales Quantity by Country (2024-2029) & (Units)

Table 106. North America Spacecraft Electric Propulsion Consumption Value by Country (2018-2023) & (USD Million)

Table 107. North America Spacecraft Electric Propulsion Consumption Value by Country (2024-2029) & (USD Million)

Table 108. Europe Spacecraft Electric Propulsion Sales Quantity by Type (2018-2023) & (Units)

Table 109. Europe Spacecraft Electric Propulsion Sales Quantity by Type (2024-2029) & (Units)

Table 110. Europe Spacecraft Electric Propulsion Sales Quantity by Application (2018-2023) & (Units)

Table 111. Europe Spacecraft Electric Propulsion Sales Quantity by Application (2024-2029) & (Units)

Table 112. Europe Spacecraft Electric Propulsion Sales Quantity by Country (2018-2023) & (Units)

Table 113. Europe Spacecraft Electric Propulsion Sales Quantity by Country (2024-2029) & (Units)

Table 114. Europe Spacecraft Electric Propulsion Consumption Value by Country (2018-2023) & (USD Million)

Table 115. Europe Spacecraft Electric Propulsion Consumption Value by Country (2024-2029) & (USD Million)

Table 116. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Type (2018-2023) & (Units)

Table 117. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Type (2024-2029) & (Units)

Table 118. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Application (2018-2023) & (Units)

Table 119. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Application (2024-2029) & (Units)

Table 120. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Region (2018-2023) & (Units)

Table 121. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity by Region (2024-2029) & (Units)

Table 122. Asia-Pacific Spacecraft Electric Propulsion Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific Spacecraft Electric Propulsion Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America Spacecraft Electric Propulsion Sales Quantity by Type (2018-2023) & (Units)

Table 125. South America Spacecraft Electric Propulsion Sales Quantity by Type (2024-2029) & (Units)

Table 126. South America Spacecraft Electric Propulsion Sales Quantity by Application (2018-2023) & (Units)

Table 127. South America Spacecraft Electric Propulsion Sales Quantity by Application (2024-2029) & (Units)

Table 128. South America Spacecraft Electric Propulsion Sales Quantity by Country (2018-2023) & (Units)

Table 129. South America Spacecraft Electric Propulsion Sales Quantity by Country (2024-2029) & (Units)

Table 130. South America Spacecraft Electric Propulsion Consumption Value by Country (2018-2023) & (USD Million)

Table 131. South America Spacecraft Electric Propulsion Consumption Value by Country (2024-2029) & (USD Million)

Table 132. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Type (2018-2023) & (Units)

Table 133. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Type (2024-2029) & (Units)

Table 134. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Application (2018-2023) & (Units)

Table 135. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Application (2024-2029) & (Units)

Table 136. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Region (2018-2023) & (Units)

Table 137. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity by Region (2024-2029) & (Units)

Table 138. Middle East & Africa Spacecraft Electric Propulsion Consumption Value by Region (2018-2023) & (USD Million)

Table 139. Middle East & Africa Spacecraft Electric Propulsion Consumption Value by Region (2024-2029) & (USD Million)

Table 140. Spacecraft Electric Propulsion Raw Material

Table 141. Key Manufacturers of Spacecraft Electric Propulsion Raw Materials

Table 142. Spacecraft Electric Propulsion Typical Distributors

Table 143. Spacecraft Electric Propulsion Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Spacecraft Electric Propulsion Picture

Figure 2. Global Spacecraft Electric Propulsion Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Spacecraft Electric Propulsion Consumption Value Market Share by Type in 2022

Figure 4. Electrothermal Examples

Figure 5. Electrostatic Examples

Figure 6. Electromagnetic Examples

Figure 7. Global Spacecraft Electric Propulsion Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Spacecraft Electric Propulsion Consumption Value Market Share by Application in 2022

Figure 9. Satellite Operators and Owners Examples

Figure 10. Space Launch Service Providers Examples

Figure 11. National Space Agencies Examples

Figure 12. Departments of Defense Examples

Figure 13. Others Examples

Figure 14. Global Spacecraft Electric Propulsion Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 15. Global Spacecraft Electric Propulsion Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 16. Global Spacecraft Electric Propulsion Sales Quantity (2018-2029) & (Units)

Figure 17. Global Spacecraft Electric Propulsion Average Price (2018-2029) & (US\$/Unit)

Figure 18. Global Spacecraft Electric Propulsion Sales Quantity Market Share by Manufacturer in 2022

Figure 19. Global Spacecraft Electric Propulsion Consumption Value Market Share by Manufacturer in 2022

Figure 20. Producer Shipments of Spacecraft Electric Propulsion by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 21. Top 3 Spacecraft Electric Propulsion Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Top 6 Spacecraft Electric Propulsion Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Global Spacecraft Electric Propulsion Sales Quantity Market Share by

Region (2018-2029)

Figure 24. Global Spacecraft Electric Propulsion Consumption Value Market Share by Region (2018-2029)

Figure 25. North America Spacecraft Electric Propulsion Consumption Value (2018-2029) & (USD Million)

Figure 26. Europe Spacecraft Electric Propulsion Consumption Value (2018-2029) & (USD Million)

Figure 27. Asia-Pacific Spacecraft Electric Propulsion Consumption Value (2018-2029) & (USD Million)

Figure 28. South America Spacecraft Electric Propulsion Consumption Value (2018-2029) & (USD Million)

Figure 29. Middle East & Africa Spacecraft Electric Propulsion Consumption Value (2018-2029) & (USD Million)

Figure 30. Global Spacecraft Electric Propulsion Sales Quantity Market Share by Type (2018-2029)

Figure 31. Global Spacecraft Electric Propulsion Consumption Value Market Share by Type (2018-2029)

Figure 32. Global Spacecraft Electric Propulsion Average Price by Type (2018-2029) & (US\$/Unit)

Figure 33. Global Spacecraft Electric Propulsion Sales Quantity Market Share by Application (2018-2029)

Figure 34. Global Spacecraft Electric Propulsion Consumption Value Market Share by Application (2018-2029)

Figure 35. Global Spacecraft Electric Propulsion Average Price by Application (2018-2029) & (US\$/Unit)

Figure 36. North America Spacecraft Electric Propulsion Sales Quantity Market Share by Type (2018-2029)

Figure 37. North America Spacecraft Electric Propulsion Sales Quantity Market Share by Application (2018-2029)

Figure 38. North America Spacecraft Electric Propulsion Sales Quantity Market Share by Country (2018-2029)

Figure 39. North America Spacecraft Electric Propulsion Consumption Value Market Share by Country (2018-2029)

Figure 40. United States Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Canada Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Mexico Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Europe Spacecraft Electric Propulsion Sales Quantity Market Share by Type (2018-2029)

Figure 44. Europe Spacecraft Electric Propulsion Sales Quantity Market Share by Application (2018-2029)

Figure 45. Europe Spacecraft Electric Propulsion Sales Quantity Market Share by Country (2018-2029)

Figure 46. Europe Spacecraft Electric Propulsion Consumption Value Market Share by Country (2018-2029)

Figure 47. Germany Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. France Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. United Kingdom Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Russia Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Italy Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity Market Share by Type (2018-2029)

Figure 53. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity Market Share by Application (2018-2029)

Figure 54. Asia-Pacific Spacecraft Electric Propulsion Sales Quantity Market Share by Region (2018-2029)

Figure 55. Asia-Pacific Spacecraft Electric Propulsion Consumption Value Market Share by Region (2018-2029)

Figure 56. China Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Japan Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Korea Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. India Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Southeast Asia Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Australia Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. South America Spacecraft Electric Propulsion Sales Quantity Market Share

by Type (2018-2029)

Figure 63. South America Spacecraft Electric Propulsion Sales Quantity Market Share by Application (2018-2029)

Figure 64. South America Spacecraft Electric Propulsion Sales Quantity Market Share by Country (2018-2029)

Figure 65. South America Spacecraft Electric Propulsion Consumption Value Market Share by Country (2018-2029)

Figure 66. Brazil Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Argentina Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity Market Share by Type (2018-2029)

Figure 69. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity Market Share by Application (2018-2029)

Figure 70. Middle East & Africa Spacecraft Electric Propulsion Sales Quantity Market Share by Region (2018-2029)

Figure 71. Middle East & Africa Spacecraft Electric Propulsion Consumption Value Market Share by Region (2018-2029)

Figure 72. Turkey Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Egypt Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Saudi Arabia Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. South Africa Spacecraft Electric Propulsion Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Spacecraft Electric Propulsion Market Drivers

Figure 77. Spacecraft Electric Propulsion Market Restraints

Figure 78. Spacecraft Electric Propulsion Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Spacecraft Electric Propulsion in 2022

Figure 81. Manufacturing Process Analysis of Spacecraft Electric Propulsion

Figure 82. Spacecraft Electric Propulsion Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global Spacecraft Electric Propulsion Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/GE139F8EF95EEN.html>

Price: US\$ 3,480.00 (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/GE139F8EF95EEN.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

