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Global Electrical Propulsion System in Ships Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Electrical Propulsion System in Ships market size was valued at US$ 2966 million in 2024 and is forecast to a readjusted size of USD 6309 million by 2031 with a CAGR of 11.7% during review period.

Electric Propulsion System in Ships is a system that uses electricity to drive the ship's propeller. Compared with traditional mechanical propulsion systems, it has higher flexibility, energy efficiency and environmental protection.

Global Shipping Industry Growth and Maritime Trade Expansion. The continued growth of the global shipping industry and the increase in maritime trade volume have driven the demand for ship power market. New trade routes: The melting of Arctic ice has opened up shorter trade routes, reducing transportation time and costs. With the increase in international trade and ocean shipping demand, the number of ships and shipping frequency have gradually increased, and modern electric drive equipment has become an important option for shipping companies to ensure navigation safety. In the military field, the application power of electric propulsion systems on ships has continued to increase in recent years. With the need for high stealth performance of ships themselves and the increase in power demand for new equipment, the application scope of integrated electric propulsion will continue to expand. In the civilian field, the pollutant emissions of ships using integrated electric propulsion systems have been significantly reduced, and integrated electric propulsion has become the main direction of upgrading ship power technology. The shipping industry has made great progress in the research and development of reducing propulsion costs without increasing marine pollution. The traditional propulsion system of ships is highly efficient, but requires high

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operating costs and increases marine pollution. Of all the potential alternative energy sources, electric propulsion systems are one of the most worthwhile alternatives to try today.

This report is a detailed and comprehensive analysis for global Electrical Propulsion System in Ships 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 Electrical Propulsion System in Ships market size and forecasts, in consumption value ($ Million), 2020-2031

Global Electrical Propulsion System in Ships market size and forecasts by region and country, in consumption value ($ Million), 2020-2031

Global Electrical Propulsion System in Ships market size and forecasts, by Type and by Application, in consumption value ($ Million), 2020-2031

Global Electrical Propulsion System in Ships market shares of main players, in revenue ($ Million), 2020-2025

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 Electrical Propulsion System in Ships

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 Electrical Propulsion System in Ships market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies

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covered as a part of this study include ABB, Siemens, GE Vernova, Wartsila, Leonardo DRS, Rolls-Royce, Yanmar, Daihatsu Diesel Mfg, CSSC, MAN Energy Solutions, etc.

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

Market segmentation

Electrical Propulsion System in Ships market is split by Type and by Application. For the period 2020-2031, 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

Shaftline Propulsion

Pod Propulsion

Others

Market segment by Application

Passenger Ship

Military Ship

Work Ship

Transport Ship

Others

Market segment by players, this report covers

ABB

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Siemens

GE Vernova

Wartsila

Leonardo DRS

Rolls-Royce

Yanmar

Daihatsu Diesel Mfg

CSSC

MAN Energy Solutions

Ingeteam Marine

Xiangtan Electric Manufacturing Co., Ltd

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 Electrical Propulsion System in Ships product scope, market

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overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Electrical Propulsion System in Ships, with revenue, gross margin, and global market share of Electrical Propulsion System in Ships from 2020 to 2025.

Chapter 3, the Electrical Propulsion System in Ships 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 2020 to 2031

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 2020 to 2025.and Electrical Propulsion System in Ships market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

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

Chapter 12, the key raw materials and key suppliers, and industry chain of Electrical Propulsion System in Ships.

Chapter 13, to describe Electrical Propulsion System in Ships research findings and conclusion.

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