

# Global Serial Hybrid Marine Propulsion System Supply, Demand and Key Producers, 2023-2029

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## **Abstracts**

The global Serial Hybrid Marine Propulsion System market size is expected to reach \$ 558.4 million by 2029, rising at a market growth of 1.1% CAGR during the forecast period (2023-2029).

Parallel hybrid marine propulsion systems can use both the electric motor and the combustion engine, simultaneously or separately, for their propulsion. Both the combustion engine and the electric motor are directly connected - via a gear with a PTI (Power Take In) for an electric motor – to the drive shaft for the propeller. This gear allows power transferral between two sources. Accordingly, the electric motor, the combustion engine, or both in parallel, can power the propeller. During normal operation, the parallel hybrid marine propulsion system will typically run on both the electric motor and the combustion engine throughout the driving cycle. This in order to achieve maximum efficiency and performance. The combustion engine will run during high speed transportation. Similarly, the electric motor is ideal to use at low speeds, but can also provide extra power when required. The combustion engine's operation varies, as it is more affected by the driving cycle (or driving pattern) compared to that of the fixed rpm of the engine in a serial hybrid marine propulsion system. This often means more emissions, by comparison. That said, the batteries do not need to be as large as in a serial hybrid marine propulsion system, thereby reducing the weight of the vessel. This may also have a positive effect on its fuel consumption. Parallel hybrid marine propulsion systems are used in a variety of vessels - from leisure boats to tugboats, wind farm boats and high-speed passenger ferries.

This report studies the global Serial Hybrid Marine Propulsion System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Serial Hybrid Marine Propulsion System, and provides market size (US\$ million) and Yearover-Year (YoY) Growth, considering 2022 as the base year. This report explores



demand trends and competition, as well as details the characteristics of Serial Hybrid Marine Propulsion System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Serial Hybrid Marine Propulsion System total production and demand,

2018-2029, (K Units)

Global Serial Hybrid Marine Propulsion System total production value, 2018-2029, (USD Million)

Global Serial Hybrid Marine Propulsion System production by region & country,

production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Serial Hybrid Marine Propulsion System consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Serial Hybrid Marine Propulsion System domestic production, consumption, key domestic manufacturers and share

Global Serial Hybrid Marine Propulsion System production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Serial Hybrid Marine Propulsion System production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Serial Hybrid Marine Propulsion System production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Serial Hybrid Marine Propulsion System 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 W?rtsil?, MAN Energy Solutions, Mitsubishi Heavy Industries, Caterpillar, Daihatsu, Cummins, GE, Yanmar and Volvo Penta, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence. Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Serial Hybrid Marine Propulsion System market. Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Serial Hybrid Marine Propulsion System Market, By Region:

#### **United States**



China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Serial Hybrid Marine Propulsion System Market, Segmentation by Type

Plug-In Hybrid

**Conventional Hybrid** 

Global Serial Hybrid Marine Propulsion System Market, Segmentation by Application

Leisure Boats

Tugboats

Wind Farm Boats

**High-Speed Passenger Ferries** 

Others

**Companies Profiled:** 

W?rtsil?

Global Serial Hybrid Marine Propulsion System Supply, Demand and Key Producers, 2023-2029



MAN Energy	Solutions
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Mitsubishi Heavy Industries

Caterpillar

Daihatsu

Cummins

GE

Yanmar

Volvo Penta

SCANIA

Deere?Company

Doosan

Weichai

STEYR MOTORS

CSIC

Key Questions Answered

1. How big is the global Serial Hybrid Marine Propulsion System market?

2. What is the demand of the global Serial Hybrid Marine Propulsion System market?

3. What is the year over year growth of the global Serial Hybrid Marine Propulsion System market?

4. What is the production and production value of the global Serial Hybrid Marine Propulsion System market?

5. Who are the key producers in the global Serial Hybrid Marine Propulsion System market?



6. What are the growth factors driving the market demand?



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