

Global Unmanned Surface Vehicles Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G06E578BEFFEN.html>

Date: August 2024

Pages: 131

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

ID: G06E578BEFFEN

Abstracts

According to our (Global Info Research) latest study, the global Unmanned Surface Vehicles market size was valued at USD 74 million in 2023 and is forecast to a readjusted size of USD 250.9 million by 2030 with a CAGR of 19.0% during review period.

Unmanned surface vehicles (USV) or autonomous surface vehicles (ASV) are vehicles that operate on the surface of the water (watercraft) without a crew. USVs are valuable in oceanography, as they are more capable than moored or drifting weather buoys, but far cheaper than the equivalent weather ships and research vessels, and more flexible than commercial-ship contributions. Wave gliders, in particular, harness wave energy for primary propulsion and, with solar cells to power their electronics, have months of marine persistence for both academic and naval applications.

The Global Info Research report includes an overview of the development of the Unmanned Surface Vehicles industry chain, the market status of Oceanographic Research (Wave-Powered, Propeller Driven), Marine Environmental Protection (Wave-Powered, Propeller Driven), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Unmanned Surface Vehicles.

Regionally, the report analyzes the Unmanned Surface Vehicles markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Unmanned Surface Vehicles market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Unmanned Surface Vehicles market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Unmanned Surface Vehicles industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Wave-Powered, Propeller Driven).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Unmanned Surface Vehicles market.

Regional Analysis: The report involves examining the Unmanned Surface Vehicles market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Unmanned Surface Vehicles market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Unmanned Surface Vehicles:

Company Analysis: Report covers individual Unmanned Surface Vehicles manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Unmanned Surface Vehicles This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application

(Oceanographic Research, Marine Environmental Protection).

Technology Analysis: Report covers specific technologies relevant to Unmanned Surface Vehicles. It assesses the current state, advancements, and potential future developments in Unmanned Surface Vehicles areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Unmanned Surface Vehicles market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Unmanned Surface Vehicles market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Wave-Powered

Propeller Driven

Market segment by Application

Oceanographic Research

Marine Environmental Protection

Rescue Drowner

Military Use

Others

Major players covered

Saildrone

Subsea Tech

Al Marakeb

ASV Global

Marine Tech (RSV)

Liquid Robotics

Willow Garage

SimpleUnmanned, LLC

Universal Secure Applications OWL-MkII USV

Unmanned Survey Solutions (USS)

Marine Tech (RSV)

Willow Garage

SimpleUnmanned, LLC

Marine Advanced Research

Ocius Technology

Ocean Alpha

L3 ASV

MAP Marine Technologies

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 Unmanned Surface Vehicles product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Unmanned Surface Vehicles, with price, sales, revenue and global market share of Unmanned Surface Vehicles from 2019 to 2024.

Chapter 3, the Unmanned Surface Vehicles competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Unmanned Surface Vehicles breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023. and Unmanned Surface Vehicles market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Unmanned Surface Vehicles.

Chapter 14 and 15, to describe Unmanned Surface Vehicles sales channel, distributors, customers, research findings and conclusion.

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