

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

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## Abstracts

According to our (Global Info Research) latest study, the global Unmanned Surface Vehicles (USVs) 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 (USVs) 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 (USVs).

Regionally, the report analyzes the Unmanned Surface Vehicles (USVs) 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 (USVs) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

## Key Features:

The report presents comprehensive understanding of the Unmanned Surface Vehicles (USVs) 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 (USVs) 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 (USVs) market.

**Regional Analysis:** The report involves examining the Unmanned Surface Vehicles (USVs) 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 (USVs) 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 (USVs):

**Company Analysis:** Report covers individual Unmanned Surface Vehicles (USVs) 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 (USVs) 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 (USVs). It assesses the current state, advancements, and potential future developments in Unmanned Surface Vehicles (USVs) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Unmanned Surface Vehicles (USVs) 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 (USVs) 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 Drowned

Military Use

Others

### Major players covered

Saildrone

Subsea Tech

Al Marakeb

ASV Global

Marine Tech (RSV)

Liquid Robotics

Marine Advanced Research

SimpleUnmanned, LLC

Universal Secure Applications OWL-MkII USV

Unmanned Survey Solutions (USS)

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 (USVs) product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Unmanned Surface Vehicles (USVs) 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 (USVs) 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 (USVs).

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

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Unmanned Surface Vehicles (USVs)
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Unmanned Surface Vehicles (USVs) Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 Wave-Powered
  - 1.3.3 Propeller Driven
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Unmanned Surface Vehicles (USVs) Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Oceanographic Research
  - 1.4.3 Marine Environmental Protection
  - 1.4.4 Rescue Drowned
  - 1.4.5 Military Use
  - 1.4.6 Others
- 1.5 Global Unmanned Surface Vehicles (USVs) Market Size & Forecast
  - 1.5.1 Global Unmanned Surface Vehicles (USVs) Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Unmanned Surface Vehicles (USVs) Sales Quantity (2019-2030)
  - 1.5.3 Global Unmanned Surface Vehicles (USVs) Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Saildrone
  - 2.1.1 Saildrone Details
  - 2.1.2 Saildrone Major Business
  - 2.1.3 Saildrone Unmanned Surface Vehicles (USVs) Product and Services
  - 2.1.4 Saildrone Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Saildrone Recent Developments/Updates
- 2.2 Subsea Tech
  - 2.2.1 Subsea Tech Details
  - 2.2.2 Subsea Tech Major Business
  - 2.2.3 Subsea Tech Unmanned Surface Vehicles (USVs) Product and Services
  - 2.2.4 Subsea Tech Unmanned Surface Vehicles (USVs) Sales Quantity, Average

## Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.2.5 Subsea Tech Recent Developments/Updates

## 2.3 AI Marakeb

### 2.3.1 AI Marakeb Details

### 2.3.2 AI Marakeb Major Business

### 2.3.3 AI Marakeb Unmanned Surface Vehicles (USVs) Product and Services

### 2.3.4 AI Marakeb Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.3.5 AI Marakeb Recent Developments/Updates

## 2.4 ASV Global

### 2.4.1 ASV Global Details

### 2.4.2 ASV Global Major Business

### 2.4.3 ASV Global Unmanned Surface Vehicles (USVs) Product and Services

### 2.4.4 ASV Global Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.4.5 ASV Global Recent Developments/Updates

## 2.5 Marine Tech (RSV)

### 2.5.1 Marine Tech (RSV) Details

### 2.5.2 Marine Tech (RSV) Major Business

### 2.5.3 Marine Tech (RSV) Unmanned Surface Vehicles (USVs) Product and Services

### 2.5.4 Marine Tech (RSV) Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.5.5 Marine Tech (RSV) Recent Developments/Updates

## 2.6 Liquid Robotics

### 2.6.1 Liquid Robotics Details

### 2.6.2 Liquid Robotics Major Business

### 2.6.3 Liquid Robotics Unmanned Surface Vehicles (USVs) Product and Services

### 2.6.4 Liquid Robotics Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.6.5 Liquid Robotics Recent Developments/Updates

## 2.7 Marine Advanced Research

### 2.7.1 Marine Advanced Research Details

### 2.7.2 Marine Advanced Research Major Business

### 2.7.3 Marine Advanced Research Unmanned Surface Vehicles (USVs) Product and Services

### 2.7.4 Marine Advanced Research Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.7.5 Marine Advanced Research Recent Developments/Updates

## 2.8 SimpleUnmanned, LLC



- 2.8.1 SimpleUnmanned, LLC Details
- 2.8.2 SimpleUnmanned, LLC Major Business
- 2.8.3 SimpleUnmanned, LLC Unmanned Surface Vehicles (USVs) Product and Services
- 2.8.4 SimpleUnmanned, LLC Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 SimpleUnmanned, LLC Recent Developments/Updates
- 2.9 Universal Secure Applications OWL-MkII USV
  - 2.9.1 Universal Secure Applications OWL-MkII USV Details
  - 2.9.2 Universal Secure Applications OWL-MkII USV Major Business
  - 2.9.3 Universal Secure Applications OWL-MkII USV Unmanned Surface Vehicles (USVs) Product and Services
  - 2.9.4 Universal Secure Applications OWL-MkII USV Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 Universal Secure Applications OWL-MkII USV Recent Developments/Updates
- 2.10 Unmanned Survey Solutions (USS)
  - 2.10.1 Unmanned Survey Solutions (USS) Details
  - 2.10.2 Unmanned Survey Solutions (USS) Major Business
  - 2.10.3 Unmanned Survey Solutions (USS) Unmanned Surface Vehicles (USVs) Product and Services
  - 2.10.4 Unmanned Survey Solutions (USS) Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 Unmanned Survey Solutions (USS) Recent Developments/Updates
- 2.11 Ocious Technology
  - 2.11.1 Ocious Technology Details
  - 2.11.2 Ocious Technology Major Business
  - 2.11.3 Ocious Technology Unmanned Surface Vehicles (USVs) Product and Services
  - 2.11.4 Ocious Technology Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.11.5 Ocious Technology Recent Developments/Updates
- 2.12 Ocean Alpha
  - 2.12.1 Ocean Alpha Details
  - 2.12.2 Ocean Alpha Major Business
  - 2.12.3 Ocean Alpha Unmanned Surface Vehicles (USVs) Product and Services
  - 2.12.4 Ocean Alpha Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.12.5 Ocean Alpha Recent Developments/Updates
- 2.13 L3 ASV

- 2.13.1 L3 ASV Details
- 2.13.2 L3 ASV Major Business
- 2.13.3 L3 ASV Unmanned Surface Vehicles (USVs) Product and Services
- 2.13.4 L3 ASV Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.13.5 L3 ASV Recent Developments/Updates
- 2.14 MAP Marine Technologies
  - 2.14.1 MAP Marine Technologies Details
  - 2.14.2 MAP Marine Technologies Major Business
  - 2.14.3 MAP Marine Technologies Unmanned Surface Vehicles (USVs) Product and Services
  - 2.14.4 MAP Marine Technologies Unmanned Surface Vehicles (USVs) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.14.5 MAP Marine Technologies Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: UNMANNED SURFACE VEHICLES (USVS) BY MANUFACTURER**

- 3.1 Global Unmanned Surface Vehicles (USVs) Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Unmanned Surface Vehicles (USVs) Revenue by Manufacturer (2019-2024)
- 3.3 Global Unmanned Surface Vehicles (USVs) Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Unmanned Surface Vehicles (USVs) by Manufacturer Revenue (\$MM) and Market Share (%): 2023
  - 3.4.2 Top 3 Unmanned Surface Vehicles (USVs) Manufacturer Market Share in 2023
  - 3.4.2 Top 6 Unmanned Surface Vehicles (USVs) Manufacturer Market Share in 2023
- 3.5 Unmanned Surface Vehicles (USVs) Market: Overall Company Footprint Analysis
  - 3.5.1 Unmanned Surface Vehicles (USVs) Market: Region Footprint
  - 3.5.2 Unmanned Surface Vehicles (USVs) Market: Company Product Type Footprint
  - 3.5.3 Unmanned Surface Vehicles (USVs) 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 Unmanned Surface Vehicles (USVs) Market Size by Region

4.1.1 Global Unmanned Surface Vehicles (USVs) Sales Quantity by Region  
(2019-2030)

4.1.2 Global Unmanned Surface Vehicles (USVs) Consumption Value by Region  
(2019-2030)

4.1.3 Global Unmanned Surface Vehicles (USVs) Average Price by Region  
(2019-2030)

4.2 North America Unmanned Surface Vehicles (USVs) Consumption Value  
(2019-2030)

4.3 Europe Unmanned Surface Vehicles (USVs) Consumption Value (2019-2030)

4.4 Asia-Pacific Unmanned Surface Vehicles (USVs) Consumption Value (2019-2030)

4.5 South America Unmanned Surface Vehicles (USVs) Consumption Value  
(2019-2030)

4.6 Middle East and Africa Unmanned Surface Vehicles (USVs) Consumption Value  
(2019-2030)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Unmanned Surface Vehicles (USVs) Sales Quantity by Type (2019-2030)

5.2 Global Unmanned Surface Vehicles (USVs) Consumption Value by Type  
(2019-2030)

5.3 Global Unmanned Surface Vehicles (USVs) Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Unmanned Surface Vehicles (USVs) Sales Quantity by Application  
(2019-2030)

6.2 Global Unmanned Surface Vehicles (USVs) Consumption Value by Application  
(2019-2030)

6.3 Global Unmanned Surface Vehicles (USVs) Average Price by Application  
(2019-2030)

## **7 NORTH AMERICA**

7.1 North America Unmanned Surface Vehicles (USVs) Sales Quantity by Type  
(2019-2030)

7.2 North America Unmanned Surface Vehicles (USVs) Sales Quantity by Application  
(2019-2030)

7.3 North America Unmanned Surface Vehicles (USVs) Market Size by Country

7.3.1 North America Unmanned Surface Vehicles (USVs) Sales Quantity by Country

(2019-2030)

7.3.2 North America Unmanned Surface Vehicles (USVs) Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

8.1 Europe Unmanned Surface Vehicles (USVs) Sales Quantity by Type (2019-2030)

8.2 Europe Unmanned Surface Vehicles (USVs) Sales Quantity by Application (2019-2030)

8.3 Europe Unmanned Surface Vehicles (USVs) Market Size by Country

8.3.1 Europe Unmanned Surface Vehicles (USVs) Sales Quantity by Country (2019-2030)

8.3.2 Europe Unmanned Surface Vehicles (USVs) Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Unmanned Surface Vehicles (USVs) Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Unmanned Surface Vehicles (USVs) Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Unmanned Surface Vehicles (USVs) Market Size by Region

9.3.1 Asia-Pacific Unmanned Surface Vehicles (USVs) Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Unmanned Surface Vehicles (USVs) Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

### 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

### 10.1 South America Unmanned Surface Vehicles (USVs) Sales Quantity by Type (2019-2030)

### 10.2 South America Unmanned Surface Vehicles (USVs) Sales Quantity by Application (2019-2030)

### 10.3 South America Unmanned Surface Vehicles (USVs) Market Size by Country

#### 10.3.1 South America Unmanned Surface Vehicles (USVs) Sales Quantity by Country (2019-2030)

#### 10.3.2 South America Unmanned Surface Vehicles (USVs) Consumption Value by Country (2019-2030)

#### 10.3.3 Brazil Market Size and Forecast (2019-2030)

#### 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

### 11.1 Middle East & Africa Unmanned Surface Vehicles (USVs) Sales Quantity by Type (2019-2030)

### 11.2 Middle East & Africa Unmanned Surface Vehicles (USVs) Sales Quantity by Application (2019-2030)

### 11.3 Middle East & Africa Unmanned Surface Vehicles (USVs) Market Size by Country

#### 11.3.1 Middle East & Africa Unmanned Surface Vehicles (USVs) Sales Quantity by Country (2019-2030)

#### 11.3.2 Middle East & Africa Unmanned Surface Vehicles (USVs) Consumption Value by Country (2019-2030)

#### 11.3.3 Turkey Market Size and Forecast (2019-2030)

#### 11.3.4 Egypt Market Size and Forecast (2019-2030)

#### 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

#### 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

### 12.1 Unmanned Surface Vehicles (USVs) Market Drivers

### 12.2 Unmanned Surface Vehicles (USVs) Market Restraints

### 12.3 Unmanned Surface Vehicles (USVs) 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

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Unmanned Surface Vehicles (USVs) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Unmanned Surface Vehicles (USVs)
- 13.3 Unmanned Surface Vehicles (USVs) Production Process
- 13.4 Unmanned Surface Vehicles (USVs) Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Unmanned Surface Vehicles (USVs) Typical Distributors
- 14.3 Unmanned Surface Vehicles (USVs) Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

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