

Global UAV Propulsion System Market 2023-2029

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Abstracts

A UAV (Unmanned Aerial Vehicle) propulsion system refers to the combination of components that power and control the movement of an unmanned aircraft. The propulsion system typically includes an engine or motor, a propeller or rotor, and a control system that regulates the speed and direction of the aircraft. The type of propulsion system used in a UAV depends on the size, weight, and intended use of the aircraft. Small, lightweight UAVs often use electric motors and batteries, while larger UAVs may use gasoline or diesel engines. Some UAVs also use hybrid propulsion systems that combine electric motors and internal combustion engines. The global UAV propulsion system market is likely to register a CAGR of over 1.87% with an incremental growth of USD 1.0 billion during the forecast period 2023-2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global UAV propulsion system market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the UAV type, engine horsepower, engine type, end user, and region. The global market for UAV propulsion system can be segmented by UAV type: small UAVs, tactical UAVs, medium-altitude long-endurance (MALE), high-altitude long-endurance (HALE), vertical take-off and landing (VTOL). The small UAVs segment held the largest revenue share in 2022. UAV propulsion system market is further segmented by engine horsepower: 10-50 HP, 51-100 HP, 101-150 HP, 151-200 HP, above 200 HP. Among these, the 51-100 HP segment was accounted for the highest revenue generator in 2022. Based on engine type, the UAV propulsion system market is segmented into: piston engine, turbine engine, turbofan engine, electrically powered

engine, wankel engine, solar-powered engine. The piston engine segment captured the largest share of the market in 2022. On the basis of end user, the UAV propulsion system market also can be divided into: commercial, civil government, military. According to the research, the military segment had the largest share in the global UAV propulsion system market. UAV propulsion system market by region is categorized into: Asia-Pacific, Europe, North America, RoW (Rest of World). North America held the largest revenue share in 2022.

Market Segmentation

By UAV type: small UAVs, tactical UAVs, medium-altitude long-endurance (MALE), high-altitude long-endurance (HALE), vertical take-off and landing (VTOL)

By engine horsepower: 10-50 HP, 51-100 HP, 101-150 HP, 151-200 HP, above 200 HP

By engine type: piston engine, turbine engine, turbofan engine, electrically powered engine, wankel engine, solar-powered engine

By end user: commercial, civil government, military

By region: Asia-Pacific, Europe, North America, RoW (Rest of World)

The market research report covers the analysis of key stake holders of the global UAV propulsion system market. Some of the leading players profiled in the report include BRP-Rotax GmbH & Co KG, Diamond Aircraft Industries, Inc., Rolls-Royce Holdings plc, Pratt & Whitney Company, Inc., Safran SA, Hirth Engines GmbH, Rotron Power Limited, GE Aerospace, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global UAV propulsion system market.

To classify and forecast the global UAV propulsion system market based on UAV type, engine horsepower, engine type, end user, region.

To identify drivers and challenges for the global UAV propulsion system market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global UAV propulsion system market.

To identify and analyze the profile of leading players operating in the global UAV propulsion system market.

Why Choose This Report

Gain a reliable outlook of the global UAV propulsion system market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.
The market estimate for ease of analysis across scenarios in Excel format.
Strategy consulting and research support for three months.
Print authentication provided for the single-user license.

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Asia-Pacific
Europe
North America
RoW (Rest of World)

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Diamond Aircraft Industries, Inc.
Rolls-Royce Holdings plc
Pratt & Whitney Company, Inc.
Safran SA
Hirth Engines GmbH
Rotron Power Limited
GE Aerospace
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