

North America Drone Battery Market Forecast to 2028 - COVID-19 Impact and Regional Analysis by Drone Type (Mini Quad and Micro Quad), Battery Type (NiCad, NiMH, and LiPo), Battery Capacity (Below 3,000 mAh, 3,000-5,000 mAh, 5,000-10,000 mAh, and Above 10,000 mAh), and Industry (Agriculture & Forestry, Infrastructure Inspection, Utilities, Construction, Mining, and Others)

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Abstracts

The North America drone battery market was valued at US\$ 291.47 million in 2022 and is projected to reach US\$ 737.62 million by 2028; it is expected to grow at a CAGR of 16.7% from 2022 to 2028.

Rise in Applications of Drones Across Different Industries is Driving the North America Drone Battery Market

Today, the drone industry is considered one of the fastest-growing industries. Drones are used due to the growing need for safe, cost-effective solutions for data collection, mapping & surveying, inspection, logistics, etc. They can perform increasingly complex tasks such as data collection, mapping, and surveying in an extreme environment where manual surveying techniques are risky and impossible. Particularly, using mini and micro quad drones for scanning and surveying solutions is considered extremely beneficial in places where humans cannot perform tasks in a timely and efficient manner.

Various industry players are adopting drone technologies in construction, photography,

agriculture, and other industries. Drones help study aerial data in these industries that helps to provide accurate data in short, the time compared to manual surveying. It can simultaneously collect and provide critical information for a variety of fields, including agricultural fields, construction sites, building inspections, and mining inspections. Surveillance by these drones helps better analyze situations to make certain decisions beneficial to increase productivity. For example, surveillance of drones in agricultural fields helps detect insect and pest situations which can be treated and prevented with early analysis by drone. Thus, using drones as a cost-effective solution to increase productivity is fueling the demand for drones, further propelling the drone battery market.

North America Drone Battery Market Overview

North America is a hub of technological developments and has economically robust countries. The adoption of technologically advanced solutions in North America strengthens the region's economy. Hence, being strong in technology, North America is a potential market for drone battery implementations. Owing to the wide application of drones in the industry such as agriculture and mining, various companies are developing drones for surveillance activities, which is driving the demand for drone batteries in the region. Further, several companies in the region are engaged in investing in expansions and strengthening drone technologies. These investments and funding are expected to help drone providers expand their business and provide solutions to various end users. The growing demand for drones is boosting the need for batteries to improve the performance of drones. Thus, rising investments in drones is expected to further contribute to the growing demand for drone batteries in North America.

North America Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

North America Drone Battery Market Segmentation

The North America drone battery market is segmented into drone type, battery type, battery capacity, industry, and country.

Based on drone type, North America drone battery market is segmented into mini quad and micro quad. The mini quad segment held the largest market share in 2022.

Based on battery type, North America drone battery market is segmented into below NiCad, NiMH, and LiPo. The LiPo segment held the largest market share in 2022.

Based on battery capacity, North America drone battery market is segmented into below 3,000 mAh, 3,000-5,000 mAh, 5,000-10,000 mAh, above 10,000 mAh. The below 3000 mAh segment held the largest market share in 2022.

Based on Industry, North America drone battery market is segmented into agriculture and forestry, infrastructure inspection, utilities, construction, mining, others. The agriculture and forestry segment held the largest market share in 2022.

Based on country, the North America drone battery market is segmented into the US, Canada, and Mexico. The US dominated the market in 2022.

AMIT industries L.T.D; SES AI Corporation; RRC Power Solutions; Austin Else LLC; and SZ DJI Technology Co Ltd are the leading companies operating in the North America drone battery market.

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