

Asia Pacific 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)

<https://marketpublishers.com/r/A236D8F25BA9EN.html>

Date: May 2023

Pages: 120

Price: US\$ 3,000.00 (Single User License)

ID: A236D8F25BA9EN

Abstracts

The Asia Pacific drone battery market was valued at US\$ 392.43 million in 2022 and is projected to reach US\$ 1,013.31 million by 2028; it is expected to grow at a CAGR of 17.1% from 2022 to 2028.

Surge in Number of Drone Start-Ups is Driving the Asia Pacific Drone Battery Market

Earlier, drones had very limited applications. When drones were first introduced, they were strictly used for military purposes for training, target practices, air strikes, bomb detection, surveillance, and more. But with the adoption of technologies, the drones are used in several other industries that boosted its market. Drones are now used in construction, agriculture, mining, entertainment, photography, and other several sectors, which have gained the attention of entrepreneurs to bring drone solutions into the market and grow their businesses with the rising demand for drones. Therefore, there is a rise in drone start-ups across various regions. For instance, in June 2022, Money Control stated that there was an increase of ~34% in the number of drone start-ups in India, with 220 drone startups between August 2021 and February 2022. Rising use of drones across various industries and growing number of competitors will encourage

startups to provide cost-efficient and better solutions to customers as a competitive advantage over each other. They will try to reach more industries and customers by increasing their production of drones that can be used across several industries. The production of drones is directly proportional to the production of drone batteries. Thus, the growing number of drone startups will create a lucrative opportunity for the drone battery market growth.

Asia Pacific Drone Battery Market Overview

Based on country, the Asia Pacific drone battery market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. Asia Pacific is one of the fastest-growing regions due to the presence of many drone battery manufacturers in China and India. Some Chinese and Indian companies providing lithium polymer batteries are URGENEX RC Hobby and Orange, among others. URGENEX RC Hobby provides LiPo drone batteries ranging from 380 mAh to 3000 mAh. The governments of various countries are adopting drone technology across various sectors for surveillance and mapping. For instance, in June 2022, the Department of Steel and Mines (DoSM) of Odisha, India, decided to use drones in mining operations to detect stockpiles, surveying, and maps better to maintain a safe and secure environment in the mining field.

The growing initiatives by governments and industry giants to boost drone technology in the region, coupled with the presence of several market players, supports the growth of the Asia Pacific drone battery market.

Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

Asia Pacific Drone Battery Market Segmentation

The Asia Pacific drone battery market is segmented into drone type, battery type, battery capacity, industry, and country.

Based on drone type, Asia Pacific 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, Asia Pacific 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, Asia Pacific 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, Asia Pacific 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 Asia Pacific drone battery market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China dominated the market in 2022.

SZ DJI Technology Co; Drone SAS; Shenzhen Grepow Battery Co Ltd; Amperex Technology Ltd; Autel Robotics Co Ltd; and MicroMultiCopter Aero Technology Co Ltd are the leading companies operating in the Asia Pacific drone battery market.

Contents

1. INTRODUCTION

- 1.1 Study Scope
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation

2. KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. ASIA PACIFIC DRONE BATTERY MARKET LANDSCAPE

- 4.1 Market Overview
- 4.2 Asia Pacific PEST Analysis
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinion

5. ASIA PACIFIC DRONE BATTERY –MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Rise in Applications of Drones Across Different Industries
 - 5.1.2 Limited Charging Capacity of Drone Batteries
- 5.2 Market Restraints
 - 5.2.1 Introduction of Fuel Cell Technologies for Small Drone Applications
- 5.3 Market Opportunities
 - 5.3.1 Growing Number of Drone Start-Ups
- 5.4 Future Trends
 - 5.4.1 Introduction of Smart Batteries
- 5.5 Impact Analysis of Drivers and Restraints

6. DRONE BATTERY MARKET – ASIA PACIFIC ANALYSIS

6.1 Asia Pacific Drone Battery Market Overview

6.2 Asia Pacific: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

7. ASIA PACIFIC DRONE BATTERY MARKET ANALYSIS – BY DRONE TYPE

7.1 Overview

7.2 Asia Pacific Drone Battery Market, by Drone Type (2021 and 2028)

7.3 Mini Quad

7.3.1 Overview

7.3.2 Mini Quad: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

7.4 Micro Quad

7.4.1 Overview

7.4.2 Micro Quad: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

8. ASIA PACIFIC DRONE BATTERY MARKET ANALYSIS – BY BATTERY TYPE

8.1 Overview

8.2 Asia Pacific Drone Battery Market, by Battery Type (2021 and 2028)

8.3 NiCad

8.3.1 Overview

8.3.2 NiCad: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

8.4 NiMH

8.4.1 Overview

8.4.2 NiMH: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

8.5 LiPo

8.5.1 Overview

8.5.2 LiPo: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

9. ASIA PACIFIC DRONE BATTERY MARKET ANALYSIS – BY BATTERY CAPACITY

9.1 Overview

9.2 Asia Pacific Drone Battery Market, by Battery Capacity (2021 and 2028)

9.3 Below 3,000 mAh

9.3.1 Overview

9.3.2 Below 3,000 mAh: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

9.4 3,000-5,000 mAh

9.4.1 Overview

9.4.2 3,000-5,000 mAh: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

9.5 5,000-10,000 mAh

9.5.1 Overview

9.5.2 5,000-10,000 mAh: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

9.6 Above 10,000 mAh

9.6.1 Overview

9.6.2 Above 10,000 mAh: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

10. ASIA PACIFIC DRONE BATTERY MARKET ANALYSIS – BY INDUSTRY

10.1 Overview

10.2 Asia Pacific Drone Battery Market, by Industry (2021 and 2028)

10.3 Agriculture and Forestry

10.3.1 Overview

10.3.2 Agriculture and Forestry: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

10.4 Infrastructure Inspection

10.4.1 Overview

10.4.2 Infrastructure Inspection: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

10.5 Utilities

10.5.1 Overview

10.5.2 Utilities: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

10.6 Construction

10.6.1 Overview

10.6.2 Construction: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

10.7 Mining

10.7.1 Overview

10.7.2 Mining: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

Million)

10.8 Others

10.8.1 Overview

10.8.2 Others: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

11. ASIA PACIFIC DRONE BATTERY MARKET – COUNTRY ANALYSIS

11.1 Overview

11.1.1 Asia Pacific: Drone Battery Market, by Key Country

11.1.1.1 Australia: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.1.1 Australia: Drone Battery Market, By Drone Type

11.1.1.1.2 Australia: Drone Battery Market, by Battery Type

11.1.1.1.3 Australia: Drone Battery Market, by Battery Capacity

11.1.1.1.4 Australia: Drone Battery Market, by Industry

11.1.1.2 China: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.2.1 China: Drone Battery Market, By Drone Type

11.1.1.2.2 China: Drone Battery Market, by Battery Type

11.1.1.2.3 China: Drone Battery Market, by Battery Capacity

11.1.1.2.4 China: Drone Battery Market, by Industry

11.1.1.3 India: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.3.1 India: Drone Battery Market, By Drone Type

11.1.1.3.2 India: Drone Battery Market, by Battery Type

11.1.1.3.3 India: Drone Battery Market, by Battery Capacity

11.1.1.3.4 India: Drone Battery Market, by Industry

11.1.1.4 Japan: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.4.1 Japan: Drone Battery Market, By Drone Type

11.1.1.4.2 Japan: Drone Battery Market, by Battery Type

11.1.1.4.3 Japan: Drone Battery Market, by Battery Capacity

11.1.1.4.4 Japan: Drone Battery Market, by Industry

11.1.1.5 South Korea: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.5.1 South Korea: Drone Battery Market, By Drone Type

11.1.1.5.2 South Korea: Drone Battery Market, by Battery Type

11.1.1.5.3 South Korea: Drone Battery Market, by Battery Capacity

11.1.1.5.4 South Korea: Drone Battery Market, by Industry

11.1.1.6 Rest of Asia Pacific: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.6.1 Rest of Asia Pacific: Drone Battery Market, By Drone Type

- 11.1.1.6.2 Rest of Asia Pacific: Drone Battery Market, by Battery Type
- 11.1.1.6.3 Rest of Asia Pacific: Drone Battery Market, by Battery Capacity
- 11.1.1.6.4 Rest of Asia Pacific: Drone Battery Market, by Industry

12. INDUSTRY LANDSCAPE

- 12.1 Overview
- 12.2 Market Initiative
- 12.3 Product Development

13. COMPANY PROFILES

- 13.1 Amperex Technology Ltd
 - 13.1.1 Key Facts
 - 13.1.2 Business Description
 - 13.1.3 Products and Services
 - 13.1.4 Financial Overview
 - 13.1.5 SWOT Analysis
 - 13.1.6 Key Developments
- 13.2 Autel Robotics Co Ltd
 - 13.2.1 Key Facts
 - 13.2.2 Business Description
 - 13.2.3 Products and Services
 - 13.2.4 Financial Overview
 - 13.2.5 SWOT Analysis
 - 13.2.6 Key Developments
- 13.3 MicroMultiCopter Aero Technology Co Ltd
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services
 - 13.3.4 Financial Overview
 - 13.3.5 SWOT Analysis
 - 13.3.6 Key Developments
- 13.4 Shenzhen Grepow Battery Co Ltd
 - 13.4.1 Key Facts
 - 13.4.2 Business Description
 - 13.4.3 Products and Services
 - 13.4.4 Financial Overview
 - 13.4.5 SWOT Analysis

- 13.4.6 Key Developments
- 13.5 SZ DJI Technology Co Ltd
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments

14. APPENDIX

- 14.1 About The Insight Partners
- 14.2 Word Index

List Of Tables

LIST OF TABLES

Table 1. Asia Pacific Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

Table 2. Australia: Drone Battery Market, By Drone Type– Revenue and Forecast to 2028 (US\$ Million)

Table 3. Australia: Drone Battery Market, by Battery Type – Revenue and Forecast to 2028 (US\$ Million)

Table 4. Australia: Drone Battery Market, by Battery Capacity – Revenue and Forecast to 2028 (US\$ Million)

Table 5. Australia: Drone Battery Market, by Industry – Revenue and Forecast to 2028 (US\$ Million)

Table 6. China: Drone Battery Market, By Drone Type– Revenue and Forecast to 2028 (US\$ Million)

Table 7. China: Drone Battery Market, by Battery Type – Revenue and Forecast to 2028 (US\$ Million)

Table 8. China: Drone Battery Market, by Battery Capacity – Revenue and Forecast to 2028 (US\$ Million)

Table 9. China: Drone Battery Market, by Industry – Revenue and Forecast to 2028 (US\$ Million)

Table 10. India: Drone Battery Market, By Drone Type– Revenue and Forecast to 2028 (US\$ Million)

Table 11. India: Drone Battery Market, by Battery Type – Revenue and Forecast to 2028 (US\$ Million)

Table 12. India: Drone Battery Market, by Battery Capacity – Revenue and Forecast to 2028 (US\$ Million)

Table 13. India: Drone Battery Market, by Industry – Revenue and Forecast to 2028 (US\$ Million)

Table 14. Japan: Drone Battery Market, By Drone Type– Revenue and Forecast to 2028 (US\$ Million)

Table 15. Japan: Drone Battery Market, by Battery Type – Revenue and Forecast to 2028 (US\$ Million)

Table 16. Japan: Drone Battery Market, by Battery Capacity – Revenue and Forecast to 2028 (US\$ Million)

Table 17. Japan: Drone Battery Market, by Industry – Revenue and Forecast to 2028 (US\$ Million)

Table 18. South Korea: Drone Battery Market, By Drone Type– Revenue and Forecast

to 2028 (US\$ Million)

Table 19. South Korea: Drone Battery Market, by Battery Type – Revenue and Forecast to 2028 (US\$ Million)

Table 20. South Korea: Drone Battery Market, by Battery Capacity – Revenue and Forecast to 2028 (US\$ Million)

Table 21. South Korea: Drone Battery Market, by Industry – Revenue and Forecast to 2028 (US\$ Million)

Table 22. Rest of Asia Pacific: Drone Battery Market, By Drone Type– Revenue and Forecast to 2028 (US\$ Million)

Table 23. Rest of Asia Pacific: Drone Battery Market, by Battery Type – Revenue and Forecast to 2028 (US\$ Million)

Table 24. Rest of Asia Pacific: Drone Battery Market, by Battery Capacity – Revenue and Forecast to 2028 (US\$ Million)

Table 25. Rest of Asia Pacific: Drone Battery Market, by Industry – Revenue and Forecast to 2028 (US\$ Million)

Table 26. List of Abbreviation

List Of Figures

LIST OF FIGURES

- Figure 1. Asia Pacific Drone Battery Market Segmentation
- Figure 2. Asia Pacific Drone Battery Market Segmentation – By Country
- Figure 3. Asia Pacific Drone Battery Market Overview
- Figure 4. Mini Quad Contributed the Largest Market Share in 2021
- Figure 5. China to Show Great Traction During Forecast Period of 2022 to 2028
- Figure 6. Asia Pacific: PEST Analysis
- Figure 7. Asia Pacific Drone Battery Market– Ecosystem Analysis
- Figure 8. Expert Opinion
- Figure 9. Asia Pacific Drone Battery Market Impact Analysis of Drivers and Restraints
- Figure 10. Asia Pacific: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 11. Asia Pacific Drone Battery Market, by Drone Type (2021 and 2028)
- Figure 12. Mini Quad: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 13. Micro Quad: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 14. Asia Pacific Drone Battery Market, by Battery Type (2021 and 2028)
- Figure 15. NiCad: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 16. NiMH: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 17. LiPo: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 18. Asia Pacific Drone Battery Market, by Battery Capacity (2021 and 2028)
- Figure 19. Below 3,000 mAh: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 20. 3,000-5,000 mAh: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 21. 5,000-10,000 mAh: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 22. Above 10,000 mAh: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 23. Asia Pacific Drone Battery Market, by Industry (2021 and 2028)
- Figure 24. Agriculture and Forestry: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

Figure 25. Infrastructure Inspection: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

Figure 26. Utilities: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

Figure 27. Construction: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

Figure 28. Mining: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

Figure 29. Others: Asia Pacific Drone Battery Market Revenue and Forecast to 2028 (US\$ Million)

Figure 30. Asia Pacific: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 31. Asia Pacific: Drone Battery Market Revenue Share, by Key Country (2021 & 2028)

Figure 32. Australia: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 33. China: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 34. India: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 35. Japan: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 36. South Korea: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 37. Rest of Asia Pacific: Drone Battery Market – Revenue and Forecast to 2028 (US\$ Million)

I would like to order

Product name: Asia Pacific 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)

Product link: <https://marketpublishers.com/r/A236D8F25BA9EN.html>

Price: US\$ 3,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A236D8F25BA9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970