

# DRONE BATTERIES



Specialized in Semi-solid State Li-ion Batteries  
Configure Batteries to suit your Individual Specifications

Catalogue  
2025



## Semi-Solid State Li-ion Battery

We specialize in producing various types of batteries designed specifically for Drones

01

### Semi-Solid State Batteries

- A High Energy Density up to 350Wh/Kg
- B Promised durability with 700 cycles lifespan.
- C Safety Discharge to 2.75/cell
- D Property of Lithium-Ion



### Li-ion Batteries

- A Li-ion battery with high energy density and long lasting life.
- B 2S/4S/6S/12S/14S, Custom Capacity.
- C Suitable for all kinds of Drones.
- D Assemble of Semi-Solid State cells.

02

## 2S DRONE BATTERIES

### SOFT PACK SERIES

### HIGH DISCHARGE RATE LI-ION SOLUTIONS

- A** Charge Connector : JST Connector
- B** Discharge Connector : Amass XT-60 Female
- C** Nominal Voltage : 7.4V
- D** Discharge Current : 11C/13C
- E** Discharge temperature: -20°C to 60°C



#### Battery Specification

Sl. No.	Battery type	Battery model	Dimension	Weight
1	Li-Ion	HEB-2S P28A 7.4V 2800mAh 30Wh	13 × 11 × 6 cm	180g
2	Li-Ion	HEB-2S P42A 7.4V 4200mAh 33Wh	13 × 10 × 6 cm	225g
3	Li-Ion	HEB-2S P28A 7.4V 5600mAh 50Wh	13 × 11 × 6 cm	280g
4	Li-Ion	HEB-2S P42A 7.4V 8400mAh 60Wh	13 × 11 × 6 cm	370g

## 3S DRONE BATTERIES

### SOFT PACK SERIES

### HIGH DISCHARGE RATE LI-ION SOLUTIONS

- A** Charge Connector : JST Connector
- B** Discharge Connector : Amass XT-60 Female
- C** Nominal Voltage : 11.1V
- D** Discharge Current : 11C/13C
- E** Discharge temperature: -20°C to 60°C



#### Battery Specification

Sl. No.	Battery type	Battery model	Dimension	Weight
1	Li-Ion	HEB-3S P28A 11.1V 2800mAh 28Wh	13 × 11 × 6 cm	230g
2	Li-Ion	HEB-3S P42A 11.1V 4200mAh 50Wh	13 × 11 × 6 cm	295g
3	Li-Ion	HEB-3S P45B 11.1V 4500mAh 52Wh	14 × 12 × 7 cm	310g
4	Li-Ion	HEB-3S P28A 11.1V 5600mAh 57Wh	13 × 11 × 6 cm	370g
5	Li-Ion	HEB-3S P42A 11.1V 8400mAh 85Wh	13 × 11 × 6 cm	515g
6	Li-Ion	HEB-3S P42A 11.1V 12600mAh 107Wh	15 × 13 × 10 cm	770g



## 4S DRONE BATTERIES

### SOFT PACK SERIES

## HIGH DISCHARGE RATE LI-ION SOLUTIONS

- A** Charge Connector: JST Connector
- B** Discharge Connector: Amass XT-60 Female
- C** Nominal Voltage: 14.8V
- D** Discharge Current : 11C/13C
- E** Discharge Temperature: -20°C to 60°C



### Battery Specification

Sl. No.	Battery type	Battery model	Dimension	Weight
1	Li-Ion	HEB-4S P28A 14.8V 2800mAh 30Wh	13 × 11 × 6 cm	275g
2	Li-Ion	HEB-4S P42A 14.8V 4200mAh 43Wh	13 × 11 × 6 cm	360g
3	Li-Ion	HEB-4S P45B 14.8V 4500mAh 48Wh	12 × 11 × 6 cm	363g
4	Li-Ion	HEB-4S P28A 14.8V 5600mAh 55Wh	16 × 10 × 6 cm	470g
5	Li-Ion	HEB-4S P42A 14.8V 8400mAh 85Wh	17 × 11 × 6 cm	651g
6	Li-Ion	HEB-4S P42A 14.8V 12600mAh 125Wh	13 × 11 × 10 cm	960g
7	Li-Ion	HEB-4S P42A 14.8V 16800mAh 152Wh	22 × 15 × 9 cm	1420g
8	Li-Ion	HEB-4S P45B 14.8V 18000mAh 176Wh	22 × 15 × 9 cm	1430g
9	Li-Ion	HEB-4S P42A 14.8V 21000mAh 212Wh	22 × 15 × 10 cm	1460g
10	Li-Ion	HEB-4S P45A 14.8V 22500mAh 230Wh	25 × 25 × 9 cm	1890g
11	Li-Ion	HEB-4S P45B 14.8V 27000mAh 263Wh	35 × 30 × 20 cm	3500g

# 6S DRONE BATTERIES

## SOFT PACK SERIES

## HIGH DISCHARGE RATE LI-ION SOLUTIONS

- A** Charge Connector : JST Connector
- B** Discharge Connector : Amass XT60 Female
- C** Nominal Voltage : 22.2V
- D** Discharge Current : 11C/13C
- E** Discharge Temperature: -20°C to 60°C



### Battery Specification

Sl. No.	Battery type	Battery model	Dimension	Weight
1	Li-Ion	HEB-6S P28A 22.2V 2800mAh 28Wh	13 × 11 × 6 cm	370g
2	Li-Ion	HEB-6S P42A 22.2V 4200mAh 43Wh	16 × 11 × 6 cm	531g
3	Li-Ion	HEB-6S P45B 22.2V 4500mAh 46Wh	16 × 11 × 6 cm	530g
4	Li-Ion	HEB-6S P28A 22.2V 5600mAh 57Wh	15 × 11 × 6 cm	680g
5	Li-Ion	HEB-6S P42A 22.2V 8400mAh 85Wh	16 × 10 × 6 cm	750g
6	Li-Ion	HEB-6S P42A 22.2V 12600mAh 130Wh	15 × 12 × 7 cm	960g
7	Li-Ion	HEB-6S P42A 22.2V 16800mAh 169Wh	22 × 15 × 9 cm	1920g
8	Li-Ion	HEB-6S P45B 22.2V 18000mAh 182Wh	22 × 25 × 9 cm	2130g
9	Li-Ion	HEB-6S P42A 22.2V 21000mAh 210Wh	35 × 30 × 20 cm	3500g
10	Li-Ion	HEB-6S P45B 22.2V 22500mAh 228Wh	37 × 30 × 20 cm	3500g
11	Li-Ion	HEB-6S P45A 22.2V 25200mAh 253Wh	37 × 30 × 15 cm	3666g

## 12S / 14S DRONE BATTERIES

SOFT PACK SERIES

**HIGH DISCHARGE  
RATE LI-ION SOLUTIONS**

- A** Charge Connector : JST Connector
- B** Discharge Connector : Amass AS150U Female
- C** Nominal Voltage : 44.4V / 51.8V
- D** Discharge Current : 8C/11C
- E** Discharge temperature: -20°C to 60°C



### Battery Specification

Sl. No.	Battery type	Battery model	Dimension	Weight
1	Li-Ion	HEB-12S P42A 44.4V 16800mAh 170Wh	35 × 25 × 20 cm	4715g
2	Li-Ion	HEB-12S P42A 44.4V 21000mAh 210Wh	37 × 28 × 15 cm	4830g
3	Li-Ion	HEB-14S P45B 51.8V 22500mAh 230Wh	40 × 30 × 20 cm	5818g



# PRODUCT CUSTOMIZATION

## Li-ion Drone Batteries



### High Power

- A** High 3C charge, 40C discharge
- B** With a burst 250C discharge in 0.2S, the supply responds quickly during power outage.

### Protection

- A** Equalization function, double hardware protection board.
- B** Overcharge, over discharge, short circuit, high/low temperature protection

### Certificate Qualified

- A** Battery Products meet safety standards
- B** UN 38.3, IEC62133, UL1642, UL991, UL1973, CE incl EMC, RoHS, 2006/66/EC, REACH.

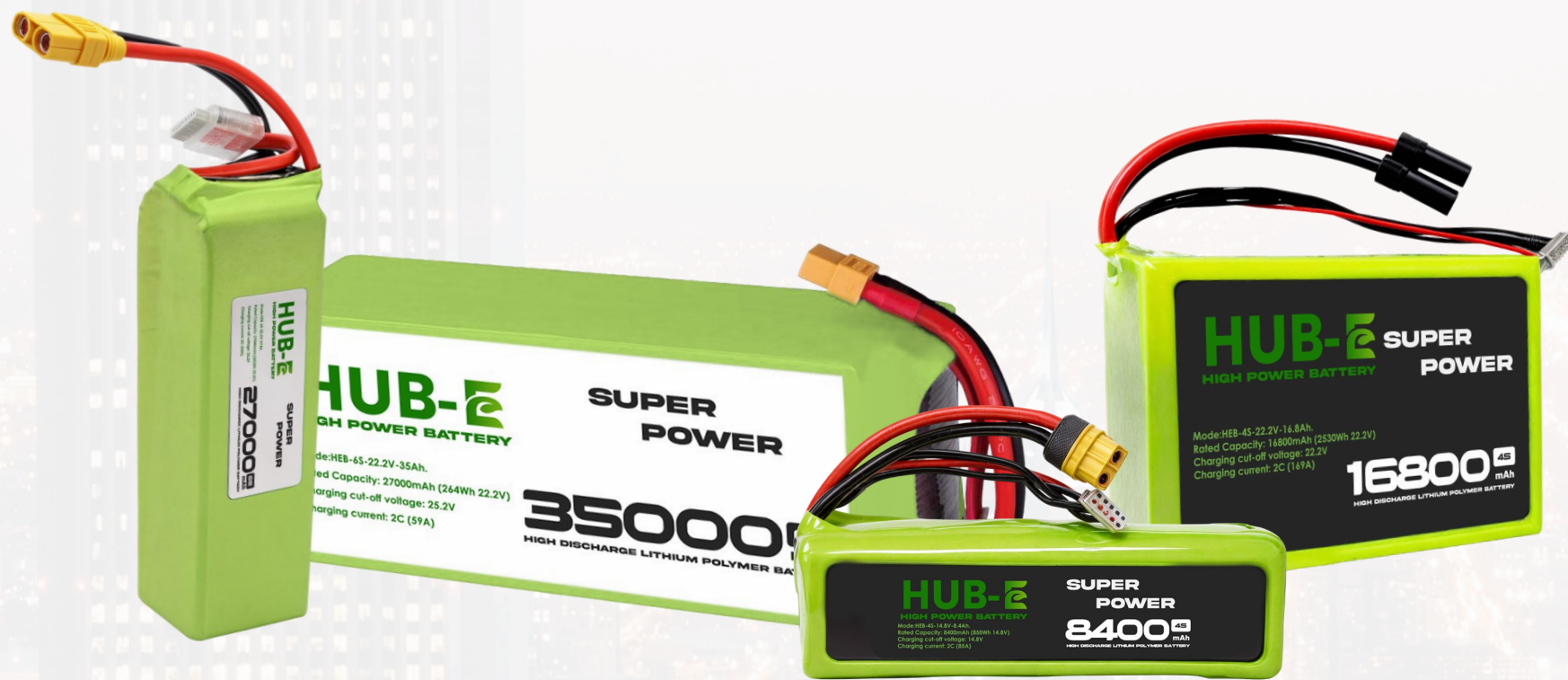
### Features

- A** Environment-friendly features & Zero maintenances cost
- B** Long-life design maintains good performance under long-term use



## CUSTOMIZED CONNECTORS

Compatible with variety of Drones



XT90



XT60



AS150U



QS8



QS9



QS10



AS150



AS250



## MULTIPLE PROTECTION

Improved battery safety and reliability

Crash-proof battery packaging ensures no damage, impact protection.



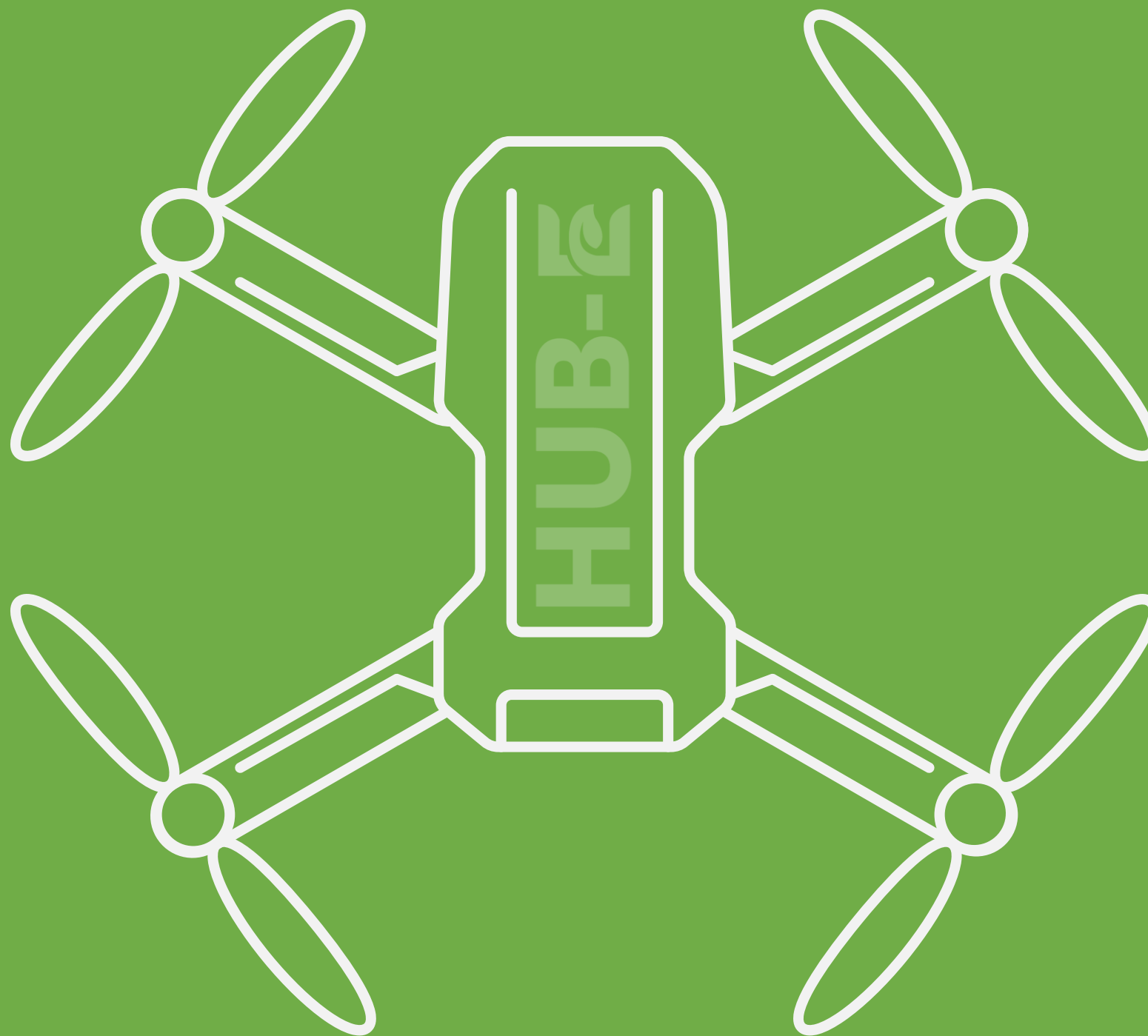
### SELF PROTECTED BATTERY

- ✓ Military-grade Build
- ✓ High temperature resistance
- ✓ Self-Test Protection
- ✓ Irregularity Tracking





## ONE-STOP POWER SOLUTION PROVIDER FOR DRONE



STABLE  
PERFORMANCE



POWERFUL  
& DURABLE



INTELLIGENT  
PROTECTION



PROFESSIONAL  
CUSTOMIZATION

- Agricultural Spraying Drone
- Photography Drone
- Underwater Drone
- Surveillance Drone
- Mapping and Surveying Drone
- Drone Light Show
- Firefighting Drone
- Payload Drones
- Soccer Drone

# WHY CHOOSE US

- Our company offers a wide range of drones tailored to meet diverse needs. With extensive manufacturing experience and a strong R&D team, we constantly enhance our products and services.
- Our global sales network ensures quick and convenient delivery. We offer competitive pricing, with special discounts for bulk orders, making our durable drones both cost-effective and profitable.
- Customer satisfaction is our priority, and we have received numerous positive testimonials. Committed to social responsibility and sustainability, we support sustainable agriculture and natural resource management with our drones.
- Our mission is to become the world's leading drone manufacturer by providing high-quality products and innovative solutions to solve customer challenges and create value.







HUBENERGYS TECHNOLOGY PVT. LTD.

Drone batteries & Drone Spares  
Manufacturer

## HEADQUARTER

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