



# LiFePO<sub>4</sub> Batteries

For Aerial Work Platforms

More Reliable,  
More Intelligent,  
Better Performance for Your AWP's





# About Us

PRD is dedicated to becoming a global leader in new energy power supply technology.

Founded in 2013, PRD has specialized in the R&D, manufacturing and sales of lithium battery chargers, battery packs, battery management systems (BMS), and customized power solutions.

We source premium battery cells from renowned manufacturers including EVE, CATL and Gotion, delivering safe, eco-friendly and high-performance lithium battery systems. Our products provide durable, stable power for aerial work platforms (AWPs).

Backed by an in-house professional R&D team and decades of experience in the lithium battery industry, PRD delivers innovative, reliable power solutions that boost operational efficiency and environmental sustainability in AWP sector. Today, PRD is rapidly emerging as a trusted lithium battery system partner and key supplier for AWP applications across China and the globe.



**12+**  
Years of Production  
Expertise

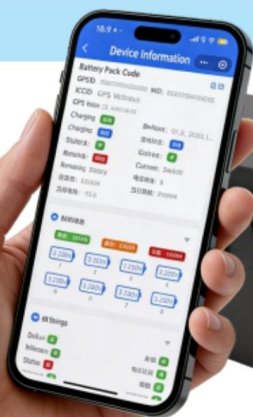
**800+**  
Successful  
Collaborations

**ODM/OEM**  
Customized  
Solution

# Smart Design

## Bluetooth Connectivity

Full Data Monitoring



## Smart Voice

Real-time Status Alerts



## One-Touch Reset

Instant Fault Recovery



## Heater

Efficient Charge & Discharge Under Low-Temp



## Sleep Mode

Over-Discharge Protection



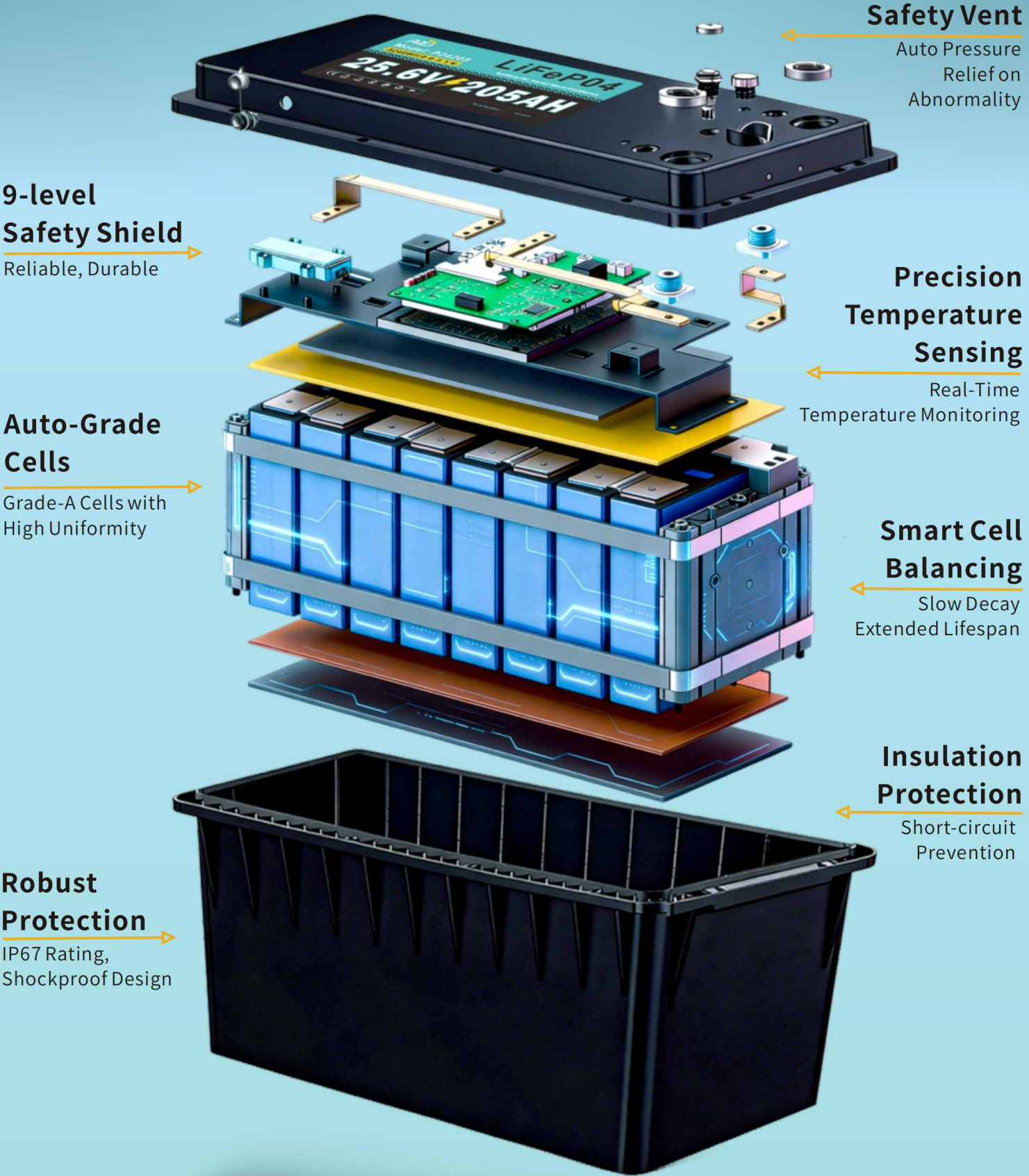
## Plug & Play

Seamless Charger Compatibility





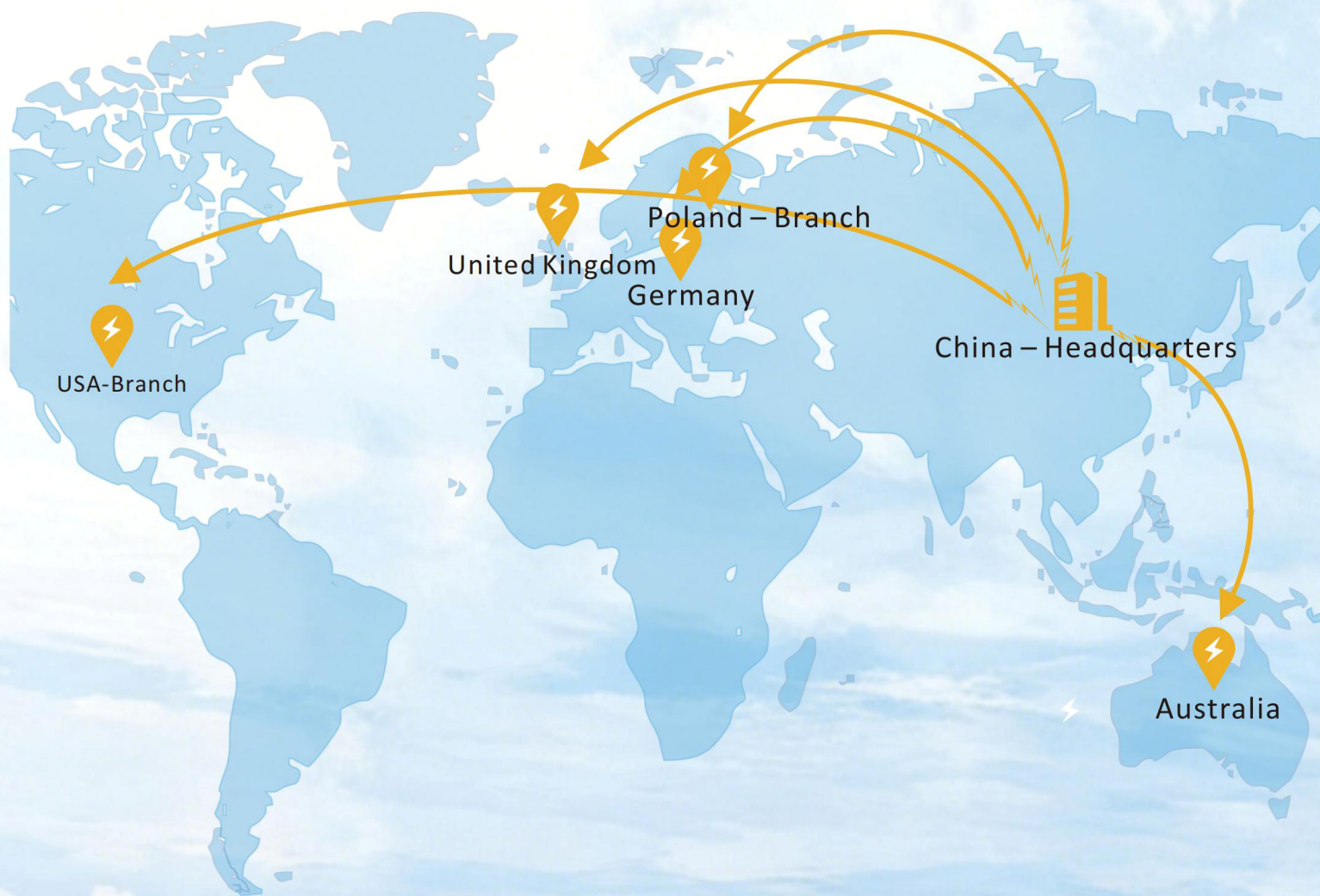
# Safety Protection





# Product Specifications

| Model                     | P24150        | P24205        | P24230        |
|---------------------------|---------------|---------------|---------------|
| Nominal Capacity          | 150Ah         | 205Ah         | 230Ah         |
| Nominal Voltage           | 25.6V         | 25.6V         | 25.6V         |
| Rated Energy              | 3840Wh        | 5248Wh        | 5888Wh        |
| Charging Voltage          | 29.2V (±0.2V) | 29.2V (±0.2V) | 29.2V (±0.2V) |
| Rated Charge Current      | 30A           | 30A           | 50A           |
| Maximum Charge Current    | 100A          | 100A          | 100A          |
| Rated Discharge Current   | 80A           | 100A          | 200A          |
| Maximum Discharge Current | 200A          | 200A          | 250A          |
| Cut-off Voltage           | 20V(±1V)      | 20V(±1V)      | 20V(±1V)      |
| Internal Resistance       | ≤20mΩ         | ≤20mΩ         | ≤20mΩ         |
| Weight                    | 29KG          | 40KG          | 42KG          |
| Size (L*W*H)              | 526*226*222mm | 526*226*284mm | 526*226*298mm |
| Operating Temperature     | -20~55℃       | -20~55℃       | -20~55℃       |
| Storage Temperature       | 0~50℃         | 0~50℃         | 0~50℃         |



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