

# PrediBattery

PMS-CPT-B201



PMS's PrediBattery is made of antioxidant aluminum medal for harsh environments. The ternary lithium battery cells supports up to 4.2V with discharge to 3.6V. This battery tap density is high for longer lasting time of use.

- Ternary lithium battery
- Supports 22.2V and 150Ah with large capacity
- Working Temperature Range: -20 °C ~ + 65°C
- Aluminum alloy enclosure for strength, durability and oxidation resistance

## Specifications

### Technical

Battery	Ternary lithium battery
Limited Charge Voltage	25.2 V
Capacity	22.2V 150AH
Maximum Output Power	300W

### Mechanical

Operating Temperature	-20°C ~ 65°C
Protection Grade	IP54
Dimensions	345 x 175 x 155 mm

## Installation Notes

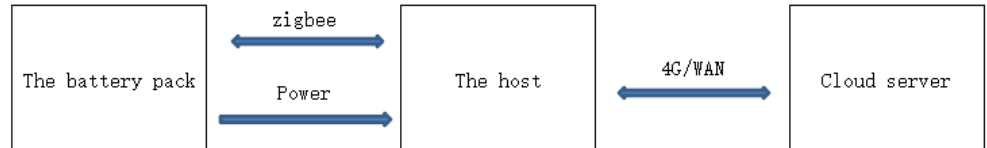
1. The PMS host can be powered by battery or external power supply.
2. Simply add the device in the software interface, no additional configuration is required.
3. Wireless Zigbee communication is automatically configured. Ensure device is placed at least 1 meter above ground with no obstructions.
4. Do not open the device without consulting Predision support. The internal configuration is precise and requires professional maintenance.

**Predision** is a leader in next generation industrial power over Ethernet (PoE) technology. Our first-to-market, industrial mobile station (PMS) is a compact, mobile station that provides an industrial computer, camera(s), lights(s), sensors, power and connectivity in remote locations without standard power and network connections where data communications are required.

## Uploading Battery Data

The 150Ah battery pack can be installed in the host (PrediRockboy). When the power supply is low or long-term usage is necessary, the host can be attached by cables to a power source, rather than using batteries.

The PrediBattery battery pack sends battery stats (remaining capacity, operating current, current voltage, etc) through zigbee. The PrediRockboy host sends all information collected from battery pack to the cloud server over 4G or WAN. Setup commands can be sent from the cloud server to the host. The host then sends the setup commands to the battery pack.



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