

IBP48100

SMART LITHIUM-ION BATTERY PACK

A standardized battery module tailored to fulfill the power requirements of communication base stations. Featuring intelligent active voltage regulation, cell health monitoring capabilities for distributed management and control. Integrated with cloud platforms to offer intelligent operations, remote maintenance, and one-click management features.



Battery Hybrid



SOC Balance



Remote O&M



Safety Protection

◆ KEY FEATURES



Intelligent hybrid system integrating lithium-ion and lead-acid batteries to cater to varied requirements.



Implementing proactive balancing strategies to enhance cycle life.



Networked setup and maintenance and OTA upgrades of BMS enable convenient remote O&M.



Incorporating safety features like over-temperature, over-current, short circuit, overcharge, and over-discharge protection.

PRODUCT SPECIFICATIONS

| Model | IBP48100 | IBP48150 |
|-------------------------|---------------|---------------|
| Grouping Mode | 1P16S | 1P16S |
| Nominal Voltage | 51.2V | 51.2V |
| Rated Capacity | 100Ah | 150Ah |
| Rated Energy | 5.12kWh | 7.68kWh |
| C-rate | 1C | 0.5C |
| Communication Interface | RS485/CAN | RS485/CAN |
| Weight | 44kg | 60kg |
| Dimensions (L×D×H) | 442×480×134mm | 442×480×134mm |

