

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

