

# Intelligent communication back-up lithium battery module

Model: Back-up lithium battery module    Power: 5.12KW

## Summary

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Huijue intelligent communication backup iron phosphate battery is an advanced product developed for the requirements of communication operators for new backup power supply under the new trend of communication, with the features of integration, miniaturisation, lightweight, intelligence, standardisation, environmental protection, etc.



*Intelligent communication back-up lithium battery module (Back-up lithium battery module)*

## Product Features

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### Good Safety Features

Advanced protections prevent overcharging, overheating, and short circuits for secure operation

### Long Service Life

High-quality materials and design ensure extended battery cycles and durability

### Easy Maintenance

User-friendly design allows simple upkeep and reduces maintenance efforts

### Smart Environment

Intelligent systems optimize energy use and integrate with smart devices seamlessly

## Technical Parameters

### Product Parameters

<b>Specifications</b>	<b>51.2V100Ah</b>
<b>Battery type</b>	<b>LFP</b>
<b>Weight</b>	<b>50Kg</b>
<b>Size</b>	<b>W482×D490×H133mm</b>
<b>Nominal voltage</b>	<b>51.2V</b>
<b>Nominal capacity</b>	<b>100Ah</b>
<b>Stores power</b>	<b>5.12KWh</b>
<b>Total charge voltage</b>	<b>56.8V</b>
<b>Total float voltage</b>	<b>54.4V</b>
<b>Charging current</b>	<b>≤1C</b>
<b>Charging cut-off voltage</b>	<b>56.8V</b>
<b>Continuous discharge current</b>	<b>≤1C</b>
<b>Discharge cut-off voltage</b>	<b>43.2V</b>
<b>&gt;Working mode</b>	<b>Constant voltage mode, pass-through mode, and peak shift energy storage mode</b>

<b>Operating temperature</b>	<b>Charge 0~65°C; Discharge -20~65 °C</b>
<b>Protection function</b>	<b>Overcharge, overdischarge, overcurrent, high and low temperature, short circuit, etc</b>
<b>Communication interface</b>	<b>RS485□CAN</b>

## Application

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It can be widely used in all kinds of communication base stations.

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