LiFePO4 Battery Bluetooth APP Manual
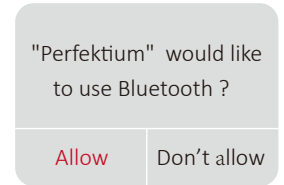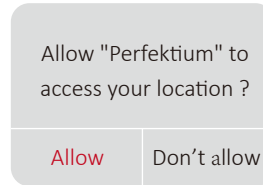
Perfektium Pro

1. Download and Connect

1.1 Download

⚡ Please download the Bluetooth APP "PKT-PRO" from the Apple Store or Google Play, or scan the following QR code to download it.

ANDROID APP ON Google Play

Available on the App Store

⚡ Please open PERFEKTIUM APP and click "Allow" when the APP asks for the location, and Bluetooth permission.

Allow "Perfektium" to access your location ?	"Perfektium" would like to use Bluetooth ?
Allow Don't allow	Allow Don't allow

⚠️ WARMLY WARNING: The battery is connected via the PERFEKTIUM App, not directly via the smartphone's Bluetooth.
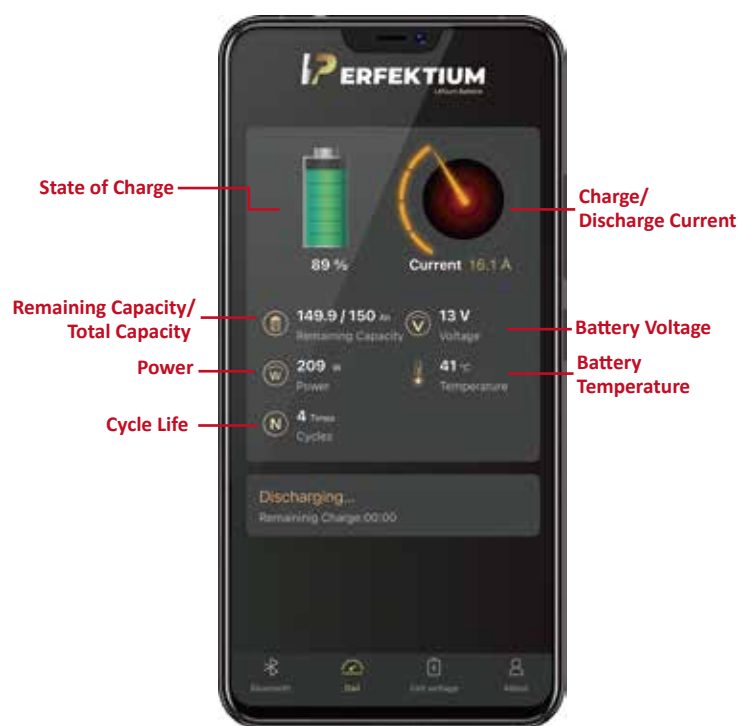
1.2 Connect

⚡ You can find a list of available batteries on the display page. Each battery has its corresponding serial number. You can choose your battery.

When you need to open the bluetooth connection, please click the bluetooth button "Connected" to open the bluetooth APP, it will connect the battery.

2. Monitoring

⚡ Real-time display of parameter values such as Remaining capacity, Voltage, Temperature, Power, Cycle Life, etc. In the form of instrument panels and numbers.

State of Charge
Charge/Discharge Current
Remaining Capacity/Total Capacity
Battery Voltage
Power
Battery Temperature
Cycle Life

⚠️ When your Bluetooth is connected to the battery, it will automatically jump to the page.

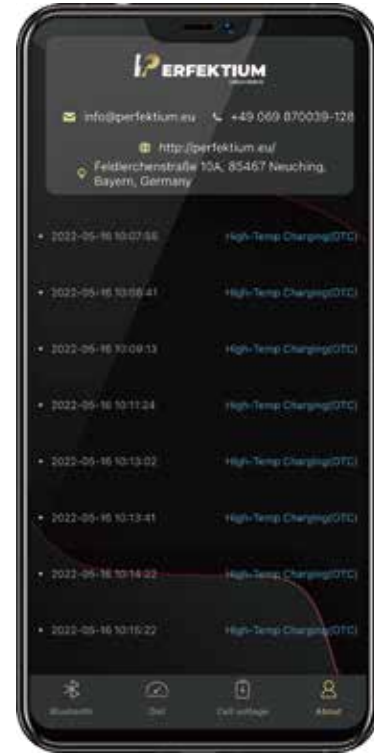⚠️ BMS will automatically equalize the cell voltage.

3. Display of cell

⚡ The content of this page can monitor the voltage value of each battery and reflect the status of the battery in real time:

Short Circuit(SCD)

Over Current Discharging(OCD)

Over Current Charging(OCC)

Low-Temp Discharging(UTD)

High-Temp Discharging(OTD)

Low-Temp Charging(UTC)

High-Temp Charging(OTC)

Pack undervoltage(PUV)

Pack overvoltage(POV)

Cell undervoltage(CUV)

Cell overvoltage(COV)

When the red light is on, it means there is an abnormality; when the yellow light is on, it means that your battery is running normally.

4. Display of history

⚡ This page records the historical data of the battery, which is convenient for users to observe and analyze.

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