intercel
Smart battery

Bluetooth App User Manual



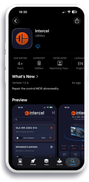
1. Download the Intercel App

Download the Intercel App from the App Store or Google Play and install it on your smartphone.

The Intercel App is compatible with iOS and Android devices supporting Bluetooth Low Energy (BLE).

System requirements:

- Bluetooth 4.0 BLE or higher
- Android 4.3 or later
- iOS 6.0 or later
- Bluetooth operating range: up to 10 m under suitable conditions



Keep the Intercel App updated to ensure full compatibility.

Important: Do not connect the battery through the Bluetooth settings of your smartphone. The battery must be connected through the Intercel App.

2. Connect to Your Battery

Before connecting, make sure that the battery is switched ON.

1. Enable Bluetooth on your smartphone.
2. Open the Intercel App.
3. Allow the required Bluetooth permissions if requested.
4. Select Add Battery / Search Device.
5. The app will search for nearby Intercel batteries.
6. Select the battery you want to monitor.
7. Once connected, the battery information will be displayed.



Keep your smartphone within approximately 10 m of the battery during the connection.

Important: A battery can be connected to only one smartphone at a time. If another smartphone is already connected, disconnect it before connecting a new device.

3. If the Battery Cannot Be Found

If the battery does not appear in the Intercel App, check the following:

1. Battery is OFF or not active
Make sure the battery is switched ON and the BMS is active. If necessary, connect a suitable charger to wake up the battery and try again.

2. Smartphone or Bluetooth connection
Make sure Bluetooth is enabled, then close and reopen the Intercel App. If necessary, turn Bluetooth OFF and ON again and search for the battery through the Intercel App.

3. Smartphone is too far from the battery
Make sure your smartphone is within 10 m of the battery during the connection process. For the best connection, keep the smartphone as close to the battery as possible.

4. Another smartphone is connected
A battery can only communicate with one smartphone at a time. Make sure another phone is not currently connected to the battery.

If the battery still cannot be found after checking the above points, please contact Intercel Technical Support.

4. Battery Dashboard & Real-Time Data

After connecting, the Dashboard provides real-time battery information, including:

- State of Charge (SOC)
- State of Health (SOH)
- Battery voltage
- Charging/discharging current
- Battery temperature
- Battery capacity and energy
- Number of cycles
- Charging and discharging status
- BMS status and available alarms



The temperature can be displayed in °C or °F.

5. Cell Information

The Intercel App provides detailed individual cell information, including:

- Individual cell voltage
- Average cell voltage
- Minimum cell voltage
- Maximum cell voltage
- Cell voltage difference
- Total energy and capacity

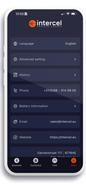


This information allows the user to monitor the condition and balance of the battery cells.

6. App Settings & Additional Functions

The Intercel App also provides access to:

- Language selection
- Battery settings
- Battery history
- Password management
- Intercel contact information



Important: Do not change battery or BMS settings unless instructed or authorized by Intercel. Incorrect settings may affect battery operation and safety.

7. Series and Parallel Batteries

When multiple Intercel batteries are connected in series or parallel, each battery can be identified and monitored individually through the Intercel App.

The user can therefore check the status and available battery information of each individual battery separately.

8. Password & Access Protection

After connecting to the battery, the user can set or change the battery access password through the Intercel App.

Once a password has been set, only authorized users who have the correct password can access the battery.

Important: Keep the battery password secure and do not share it with unauthorized persons.

9. Technical Support

If you experience connection problems or have questions about the battery or Intercel App, please contact Intercel Technical Support and provide the battery model and serial number, together with a screenshot of the problem or alarm where possible.