



**BLUETOOTH**  
USER MANUAL

# TiStar Bluetooth App Guide

Quick Start • Safety • Troubleshooting



**QR**

Scan to download the App

App Name: Tistar\_Tech

Download on the App Store

GET IT ON Google Play

## Before You Start

### Installation checklist

- Secure the battery to prevent vibration or impact.
- Tighten terminals; use proper cable size and a suitable fuse/breaker.
- Fully charge the battery on first use to help SOC calibration.
- Enable Bluetooth and allow Bluetooth permissions for the App.
- Keep your phone within 1-3 meters for the first pairing.



Bluetooth is for monitoring/settings. Make electrical connections in a dry, ventilated area.

## Bluetooth Pairing

### iOS steps

- Turn on Bluetooth: Settings > Bluetooth
- Open the App and go to “Bluetooth”
- Tap “Scan” or select the battery by enclosure serial number  
(scan the barcode for direct connection or search by the last 4 digits)
- When “Connected”, enter the dashboard

### Android steps

- Enable Bluetooth and Location (Android may require it for scanning)
- Open the App and allow requested permissions
- Tap “Scan” or select the battery by enclosure serial number (scan the barcode for direct connection or search by the last 4 digits)
- If a PIN is required, follow the App prompt (device dependent)
- When “Connected”, enter the dashboard



Tips: Typical range 1-10 m; usually only one phone / APP can connect at a time.

## Dashboard Guide

### Key readings

#### Multi-Battery Monitoring Dashboard

This screen supports simultaneous monitoring of up to 8 batteries, suitable for both series and parallel system configurations.

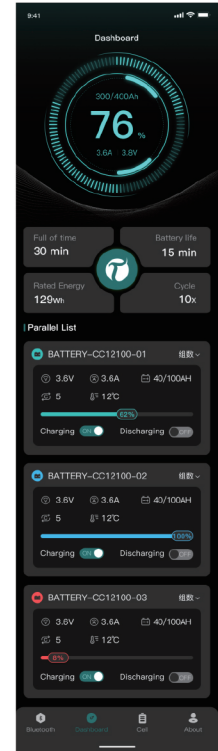
#### Top Overview Section

The top area displays the overall system status after multiple batteries are connected in series or parallel, including total SOC, voltage, current and capacity. Users can switch between all-parallel or all-series views to check system performance.

#### Battery List Section

The list below shows the individual operating status of each battery, including:

- Voltage, current and capacity
- Battery temperature information
- SOC level
- Charging / discharging status
- Individual charge and discharge enable / disable
- Est. time to full charge / Est. remaining runtime



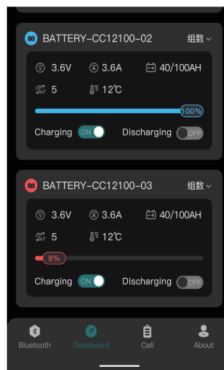
## Dashboard Guide

### Data Refresh & Fault Alerts

Data refresh rate: 500 ms

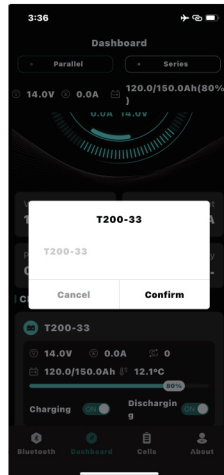
When an abnormal condition occurs, the affected battery status will turn red.

Fault details are displayed to assist with troubleshooting and maintenance.



### Personalized customization of Bluetooth name

Click on the original Bluetooth name on the dashboard, input the Bluetooth name you want, click confirm, and then refresh the page to see the modified Bluetooth name.



## Alarms

### Common alarms

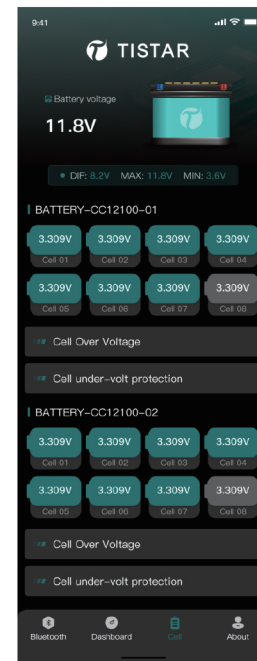
This page provides real-time monitoring of individual cell status for each battery pack, with key voltage data clearly highlighted to ensure safe and balanced operation.

#### Cell status includes:

- Real-time individual cell voltage display
- Automatic identification of maximum and minimum cell voltage
- Cell voltage difference ( $\Delta V$ ) display

#### Fault alert system:

When an abnormal condition occurs, the App will prompt real-time fault notifications, clearly indicating the specific fault type for fast diagnosis and corrective action.



If the same alarm repeats, stop using and contact support (save the alarm code/screenshot).

## Alarms

### Fault Code Definitions

Fault	Description
COV	Cell overvoltage
CUV	Cell undervoltage
POV	Pack overvoltage
PUV	Pack undervoltage
OTC	High-temperature charging
UTC	Low-temperature charging
OTD	High-temperature discharging
UTD	Low-temperature discharging
OCC	Over-current charging
OCD	Over-current discharging
SCD	Short circuit

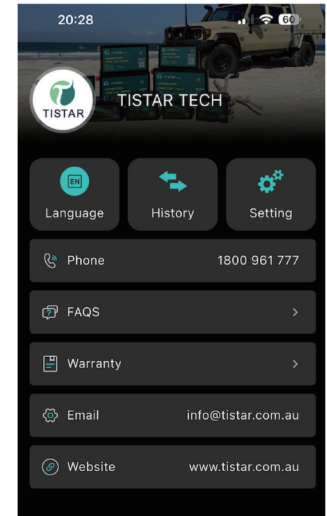
Fault alerts are displayed in real time. Protection actions are automatically triggered by the BMS when fault conditions occur.

## Information & Settings

### About

This page provides company after-sales support information, access to battery documentation, and language selection.

- After-sales support information
- FAQ
- Battery maintenance manual
- Language selection



## Connection Troubleshooting

### 6-step checklist

- Ensure the battery is powered and awake(try charging or applying a small load).
- Keep the phone within 1-3 m and avoid metal shielding.
- Toggle Bluetooth OFF/ON.
- Force close the App and reopen,then scan again.
- Remove old devices from the APP list if multiple devices were paired before.
- Restart your phone and try again.

## Safety & Support

### Safety

- Use only lithium-compatible chargers with correct settings.
- Never short-circuit, reverse polarity, crush, disassemble, or expose to fire.
- Avoid prolonged use/storage under direct heat or sun.
- Use proper cables/terminals and an appropriate fuse/breaker.
- If damaged, smells odd, or overheats: stop using immediately and isolate.
- This is a general guide; follow your product label and official instructions.

### Support

Website: [www.tistar.com.au](http://www.tistar.com.au)

Email: [info@tistar.com.au](mailto:info@tistar.com.au)

Phone: 1800 961 777