

Owner's Manual



The product is used to monitor the auto battery, cranking system and charging system. After install it to the battery, the mobile can connect it via Bluetooth 4.0. When some problems happen in battery, cranking and charging system, it can send notification alert to the user. Besides, the user also can test and review the trip record via app.

1.0 Product Parameters

Average Current	1.5mA	Short-circuit Protection	Built in
Input Voltage	6~20V	Reverse Connection Protection	Built in
Operating Temperature	-40°C~90°C	Bluetooth	4.0
Physical Dimensions	5.5*3.5*1.6cm	Bluetooth Name	Battery Monitor
Voltage Accuracy(9-16V)	±0.03V	App Keyword	BM2

2.0 Product Safety Performance

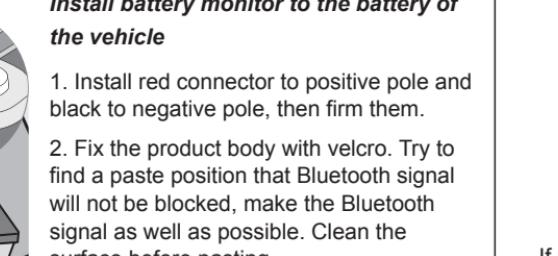
Product shell and wire made by fireproof materials are durable for high temperature. Built-in short circuit prevention safety switch, it will automatically cut off power when current is too large. Also reverse connection protection built-in, will not damage vehicle and product in case of reverse polarity.

3.0 How to Install the Product

Install battery monitor to the battery of the vehicle

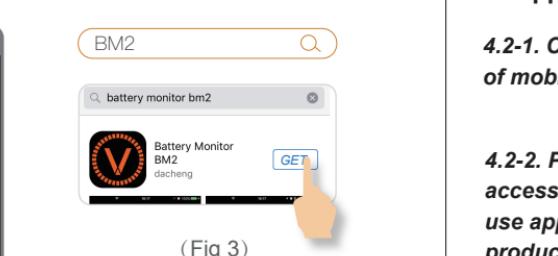
1. Install red connector to positive pole and black to negative pole, then firm them.
2. Fix the product body with velcro. Try to find a paste position that Bluetooth signal will not be blocked, make the Bluetooth signal as well as possible. Clean the surface before pasting.

APP



(Fig 1)

4.1 App Using Scene



(Fig 2)

1. Scan the QR code of the product. (Fig 2)

2. Search BM2 on App Store or Google Play to download app. (Fig 3)

4.2 App Operation

4.2-1. Click app icon, run app, it is necessary to turn on the Bluetooth of mobile

"Battery Monitor" Would Like to Send You Notifications

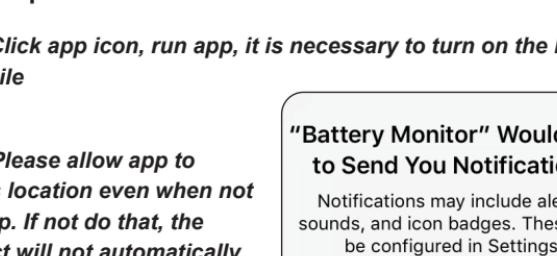
Notifications may include alerts, sounds, and icon badges. These can be configured in Settings.

4.2-2. Please allow app to access location even when not use app. If not do that, the product will not automatically notify the user when monitoring the problem.

4.2-3. Please allow to receive notifications. Notifications including the car battery, cranking system and charging system and problem alert. If not do that, it can not receive relative notification. While if allowed, when the mobile phone enters the range of Bluetooth, it will receive the information notification no matter if the app is running or not.

4.2-4. App Interface Instruction—First Interface

4.3 App Interface Instruction—System Setup



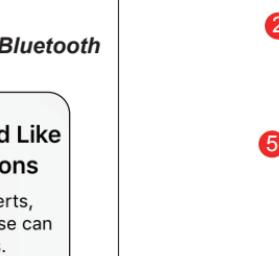
(Fig 4)

1. Daily Notification Alert Setup: green is on, gray is off. System default is no more than one notification in 6 hours, the notification frequency can be setup.

2. Abnormal Cranking Notification: green is on, gray is off. System default is no more than one notification in 6 hours, the notification frequency can be setup.

3. Power alarm: slide the bell icon, two parameters can be set freely. When battery power fails to reach either value, user will receive app notification about charge level.

4.4 App Interface Instruction—Voltage History Graph



(Fig 5)

1. It shows the device name, as default, it will be the device ID No. The user can set the nickname in the Device Management of System Setup.

2. Connecting status is blue words, unconnection status is red words. It is default that it will connect to the latest device automatically, also can connect or disconnect manually.

3. System Setup icon, click to enter System Setup.

4. Show battery state of charge.

4.5 App Interface Instruction—First Interface



(Fig 6)

5. At charging status, the battery ring will be dynamically rotating.

6. Show battery real-time voltage, and graphical display the state of charge.

7. Battery status: 1. Battery OK(Green), 2. Charging (Green), 3. Low Power (Red).

8. Show battery real voltage graph, click the table of graph, it can view the voltage graph every day.

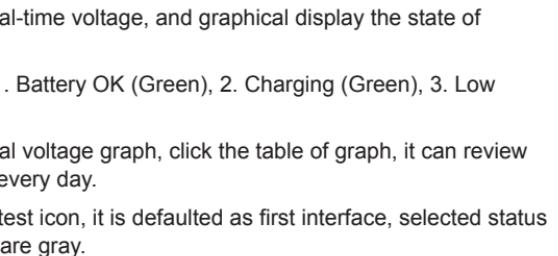
9. Battery voltage test icon, it is defaulted as first interface, selected status is blue, the others are gray.

10. Cranking system test icon, when the engine start each time, it will test cranking system automatically, selected status is blue, the others are gray.

11. Charging system test icon, it can test charging system manually, selected status is blue, the others are gray.

12. Trip record icon, record each starting time, stopping time and driving time of the vehicle, selected status is blue, the others are gray.

4.6 App Interface Instruction—System Setup



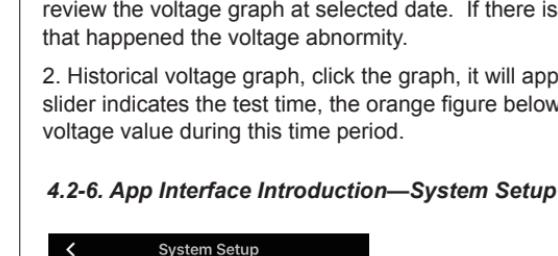
(Fig 7)

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2. Abnormal Cranking Notification: green is on, gray is off. System default is no more than one notification in 6 hours, the notification frequency can be setup.

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4.7 App Interface Instruction—Voltage History Graph



(Fig 8)

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