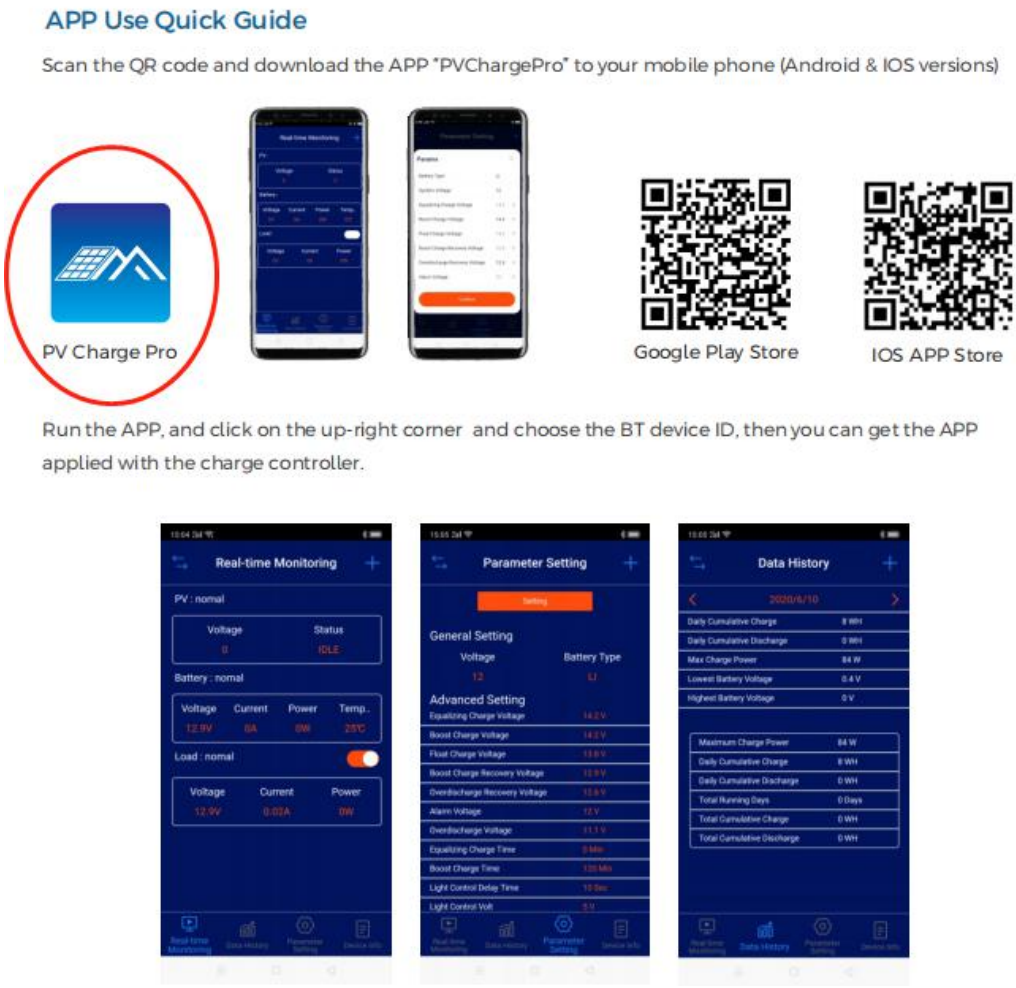
Load APP:

Android phone: Search “PVChargePro” on Google Store.

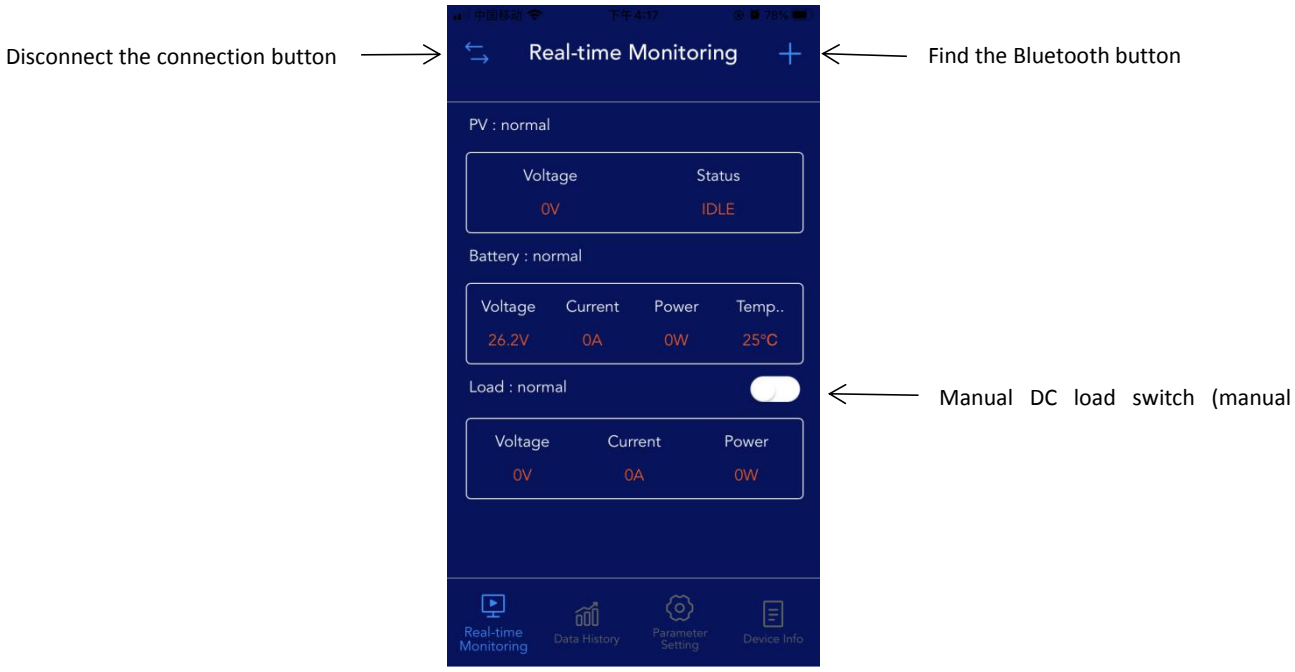
Apple phone (IOS): Search “PVChargePro” on APP Store.



After installation, firstly to turn on the Bluetooth function and GPS of the mobile phone, and then start app, and click the button [+ / Find Bluetooth button] on the top right corner of the app. Find and click the corresponding name to connect, the Bluetooth ID could be (JDY-23 or PVChargePro).

Real - time Monitoring Section

In this section, it displays the information about the solar panel, battery, load of the current system, just like the picture shown below,



Solar Panel State：

PV:normal	PV:PV over-voltage	PV:anti-connection

Charging State：

IDLE	MPPT	EQU / equalize charge	BST / boost charge	FLT / float charge

Battery State：

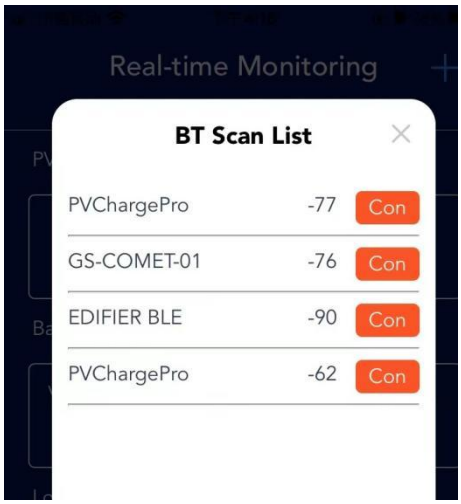
Battery:normal	Battery:Battery Over voltage
Battery:Battery Over Discharge	Battery:anti-connection

Load State：

Load:normal	Load:Load Short Circuit	Load:Load Over Power

1. click [Find Bluetooth Button]

Select [Con / Connect button] to connect. If not found, click the top right corner of the following dialog box [x] to exit and enter again. The values in the right indicate the signal strength, by which you can judge which ID to connect (close distance, strong signal, large negative value, for instance, -62 is larger than-77). Usually there would be only one ID listed.

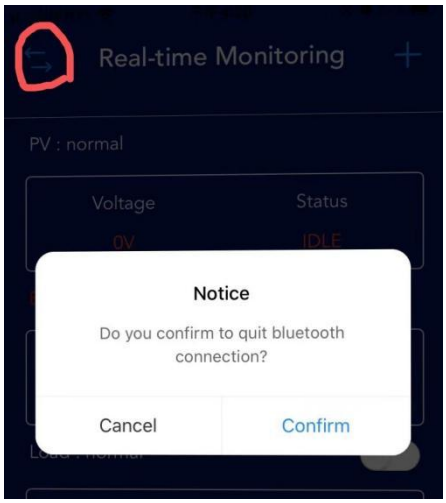


（bluetooth scan list）

Connection button

2. Click [Disconnect Button]

If the user wants to exit online after connecting, click this button.



3. Click the [Manual Switch Load Button]

DC load can be turned on or off manually (only for controller with DC load control function, and controller load mode is on “manual”). Click on DC load switch button, a message reminder would be on the screen if the operation is done.

Historical Data Section

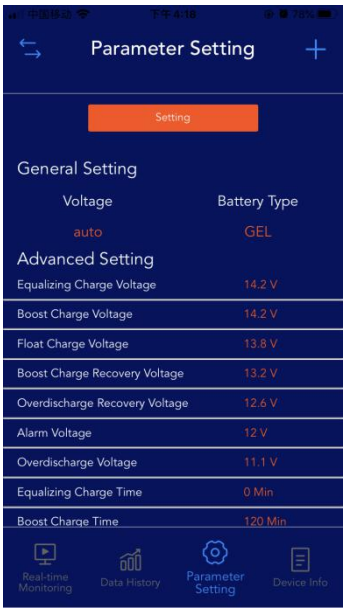
In this part, users can view 300 days of historical data, charge and discharge data of the day, accumulated historical data.

The section is divided into two zones. The upper part is the historical data of n days ago. You can choose the required date by [viewing the n days ago button], and the lower part is the current day and cumulative data.

View the n day ago button

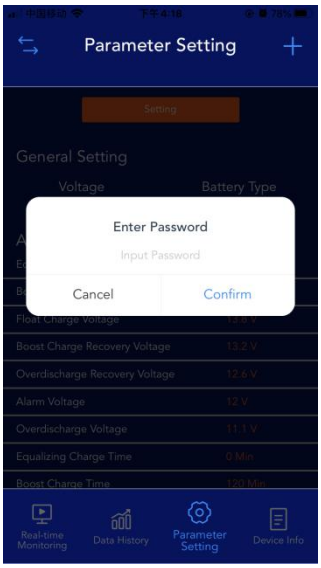
Parameter Setting Section

In this section, users can view the current setting parameters of the controller. In this interface, all parameters can not be changed, the user can click the [Settings button] to adjust the controller parameters.



settings button

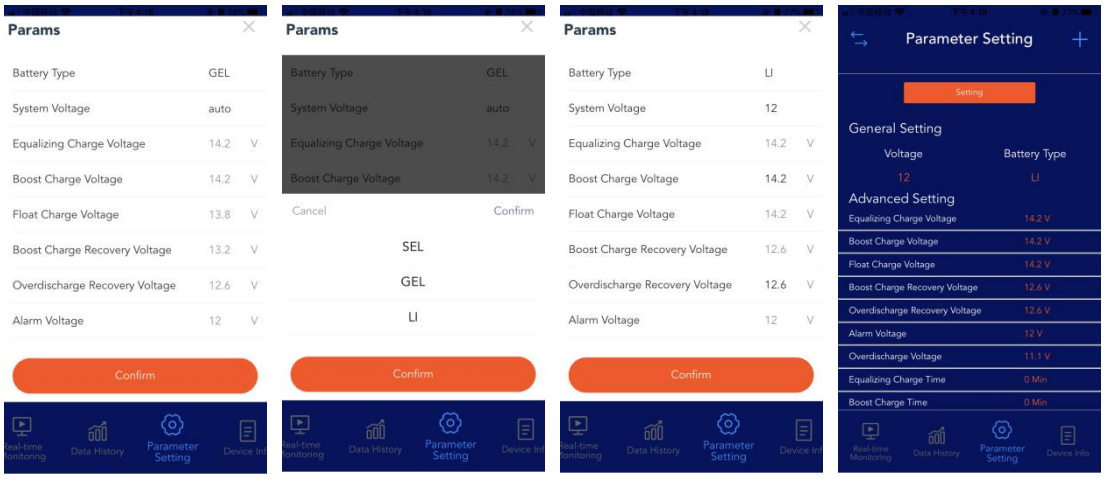
1. After clicking [Settings button], the following dialog box popup



Password:123456

2. After clicking [Confirm button], the following setup dialog box popup

Users can modify any of the parameters at any time (they must be professional operators, otherwise the controller may not work properly or may damage the system).



Product Information Section

In this section, the user can view the name and version number of the current controller, and the user can also click the [Set To Factory Settings Button] to restore the factory default parameters.