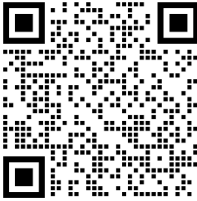


# OCPP PORTABLE CONFIGURATION GUIDE



## 1. INTRODUCTION

All OCPP Portable chargers are configured to use 4G and connect to Exploren, if you wish to make any adjustments to its configuration, please scan the QR codes below to download the Android or IOS configuration APP:



Ocular IQ Portable Setup



## 2. INSERT 4G SIM CARD

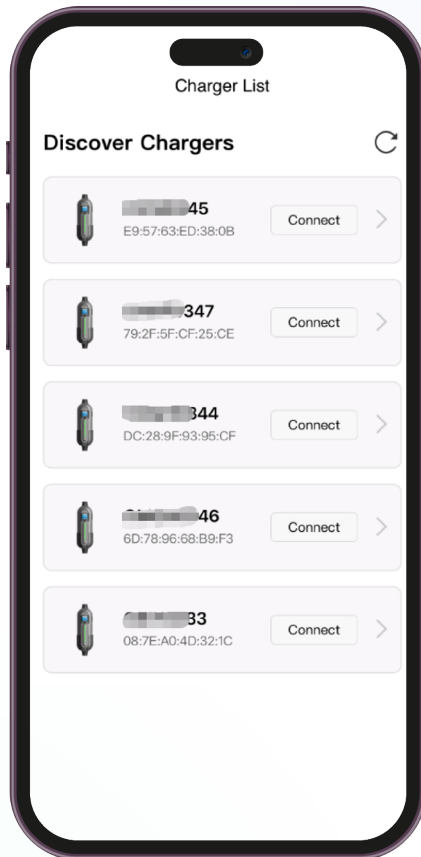
The charger uses nano sized SIM card. To insert it to the charger, remove the two screws and open the SIM card cover, then gently insert the SIM card until you hear a click, then close the lid and tighten the screws.



### 3. CONFIGURE THE CHARGER

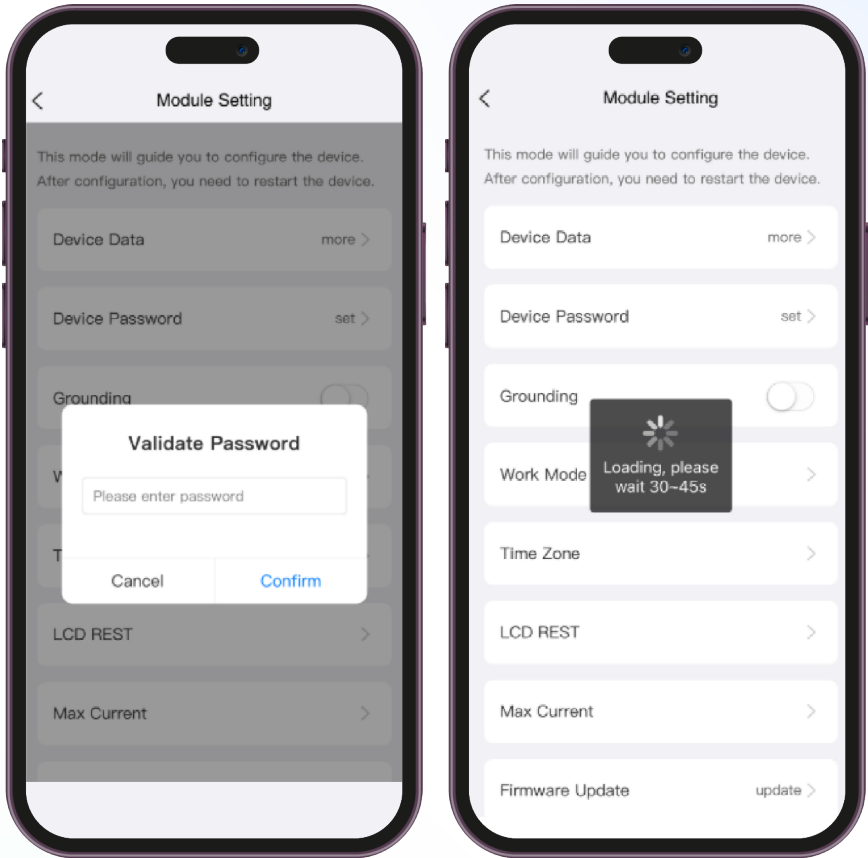
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1. After downloading the APP, allow permissions to use Bluetooth and find nearby devices.
2. Turn on the charger, stay near the charger and open the configuration APP. The APP will automatically scan for nearby IQ Portables, and you will see all available chargers at proximity range, their Serial numbers and MAC addresses will be displayed for identification:



3. If multiple chargers show up on the screen, please use serial number to find the corresponding charger, which is also displayed on the bottom left corner of the charger's screen. Then, click on **Connect** to connect to the charger via Bluetooth.

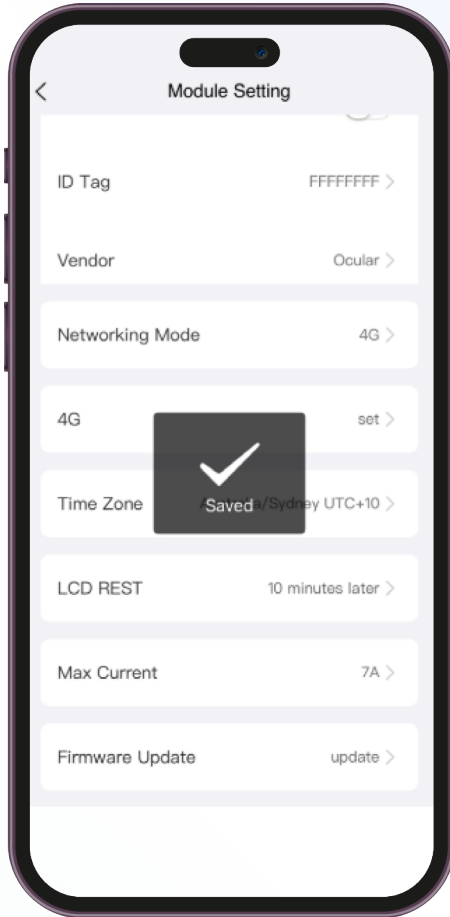
- The APP will ask you for the Bluetooth password, the default password is **66886688**. If the password is correct, it will take 30-45 seconds for the charger to load the configuration.



5. Once the configuration is loaded, you can then click into each module to adjust and save the configuration. Please make sure to contact your fleet manager or reach out directly to Ocular charging before making any changes.



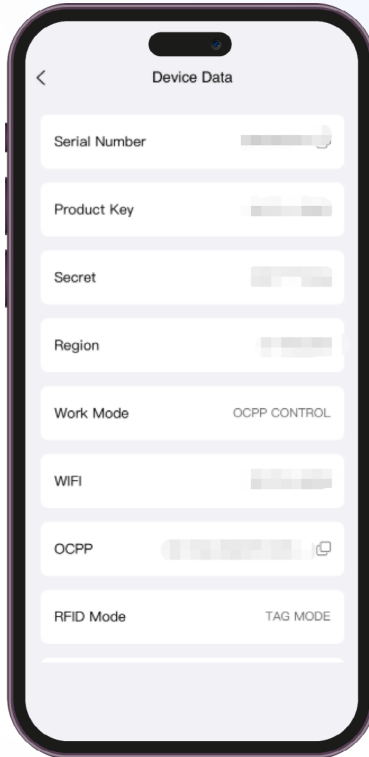
- Click into each module to review its settings and click on **Confirm** to save any changes. It will prompt **Saved** if setting has been uploaded, otherwise, please try again.



7. Please refer below for explanations of each setting:

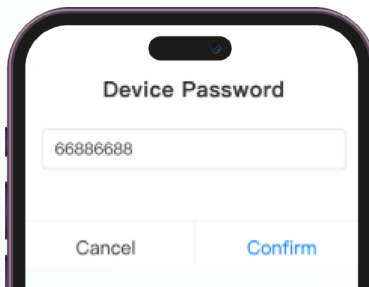
**a. Device data:**

i. This page contains all system information, which is read-only



**b. Device password:**

i. Set desired Bluetooth password, it only supports 8 digits password, numbers only

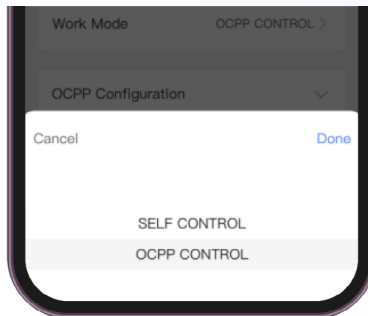


**c. Grounding:**

- i. Enable/ disable ground detection, please keep it on

**d. Work mode:**

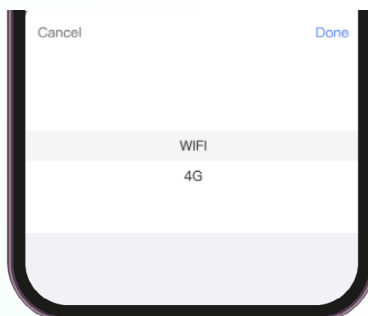
- i. Change between OCPP-control mode and self-control mode



- ii. Under OCPP-control mode, all control is done through the OCPP platform, this is the recommended mode
- iii. Under Self-control mode, charger will be plug and charge, charging speed can be adjusted using the AMPS button on the charger, and no charging record will be sent to the OCPP platform

**e. Networking mode:**

- i. Change between Wi-Fi and 4G mode, if changed, please follow the next step to set up Wi-Fi or 4G



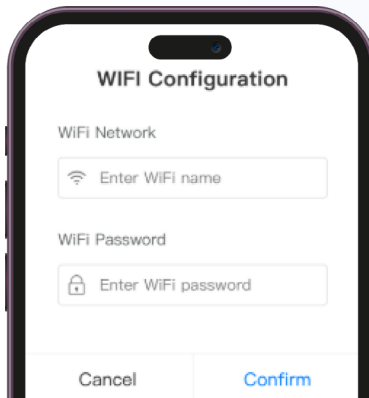
**f. Wi-Fi set up:**

**i. For IOS:**

Please enter the Wi-Fi name and password manually, and double check to make sure the details are correct, then click on **Confirm** to save the setting.

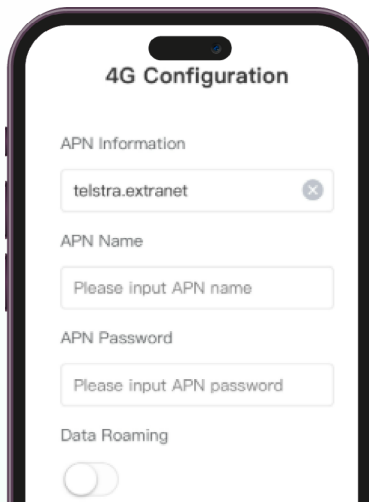
**ii. For Android:**

Click on the Wi-Fi name field, and a drop-down menu will appear showing all the available Wi-Fi, please select the desired Wi-Fi and enter its password, click **Confirm** to save the settings.

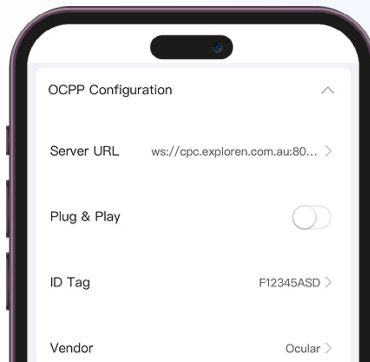


**g. 4G set up:**

- i. Please enter the correct details for the 4G SIM card, most service provider only requires the APN field to be filled in, for more information please reach out to the service provider, click on **Confirm** to save the configuration.

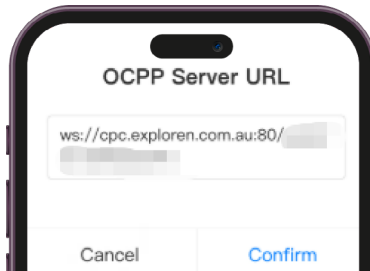


## h. OCPP Configuration:



## i. Server URL:

All the units are pre-programmed to connect to Exploren, if you wish to change it to a different OCPP platform, please enter the URL provided by the platform, and click Confirm to save it.



## ii. Plug & Play:

The default setting is OFF, which means the charger requires authentication to start charging.

If the user wishes to start charging automatically with a specific ID tag without the need to swipe the RFID, please enable this function and follow the instruction below to configure the ID Tag section properly.



### iii. ID Tag:

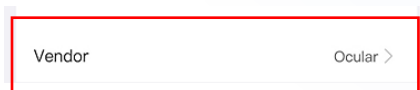
If Plug & Play is enabled, the charger will use the ID Tag set on the charger to initiate the charging, please make sure the ID Tag is entered correctly, avoid space at the beginning of the ID tag or at the end.

The same ID tag must be enabled and configured properly on the OCPP platform for successful charging sessions.



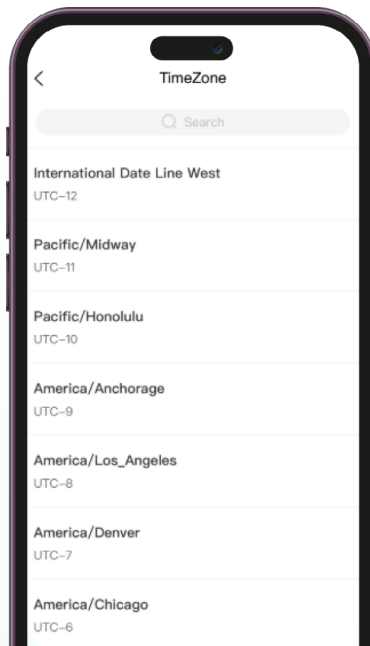
### iv. Vendor:

The same Vendor information will be shown on the OCPP platform, please change it accordingly.



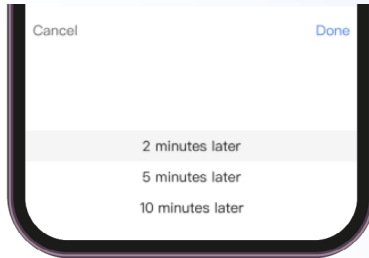
### i. TimeZone:

- i. The default time zone is UTC +10 (Sydney time), it affects the charging records time on OCPP platform. The device doesn't not auto adjust time for day light saving, if needed, please adjust it manually. Click **Confirm** to save the setting.



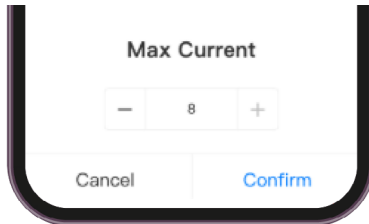
**j. LCD Rest:**

- i. This sets how long the screen stays on before auto turning off, the default setting is 10 mins, and this can be selected from 2 mins, 5 mins and 10 mins. Click **Confirm** to save the setting.



**k. Max current:**

- i. This sets a hard limit on the charging speed, for the 8A version, it can be changed from 6 – 8A, for the 7kW and 22kW versions, it can be changed from 6-32A. Click **Confirm** to save the setting.



**l. Firmware update:**

- i. This is a reserved feature, for any firmware update enquiry, please reach out to Ocular Charging.

**m. Protection Params:**

- i. Please keep these settings as default, as improper adjustments can lead to damage of the unit.

**n. Clear Offline Records**

- i. Clear all unsynchronized offline records, please don't do so without reaching out to your fleet manager or Ocular Charging, as this can lead to not getting reimbursed for those charging sessions.

**o. Clear Diagnostics:**

- i. Clear all diagnostics file stored in the charger, please don't do so without reaching out to Ocular Charging.

**p. Restore Factory:**

- i. Restore device back to factory settings, please don't do so without reaching out to Ocular Charging.


8. After changed configuration, accordingly, please click on the **SAVE** button on the bottom, it will take 30-45 seconds to upload to the charger. Once the screens shows that Configuration Saved, please power cycle the charger by turning it off for five seconds from the wall outlet and then turn it on again.


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**OCULAR**

**OCPP PORTABLE**

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