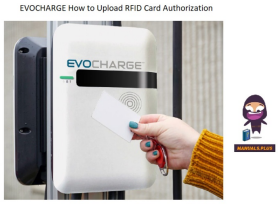

EVOCHARGE How to Upload RFID Card Authorization User Guide

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3 Documents / Resources
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EVOCHARGE How to Upload RFID Card Authorization

Uploading RFID Card Authorization List Instructions

RFID Card Spec:
Frequency: 13.56 MHz/RF Protocol: ISO 14443A
https://www.amazon.com/gp/product/B07Q1D7STV/?th=1

1. Check to see if there is an Antenna Icon on the charging station (see picture below). If the Antenna Icon is not present refer to the “Equipment Required for Charger Without Antenna Icon” section and start at step 4.

2. Locate the EVO charger’s SSID in the available nearby networks. It will begin with IC3-XXXXXXXXX (see example below).

3. The login credentials are as follows:
   SSID: IC3-XXXXXXXXX
   Password: XXXXXXXXX@IC3
   Example of credentials (using picture from step 2):
   SSID: IC3-201500086
   Password: 201500086@IC3

    1. Once connected to the network proceed to step 6.

Equipment Required for Charger Without Antenna Icon:

TORX L-Key Size 20
https://www.amazon.com/EKLIND-10807-TORX-star-L-Key/dp/B000186GWC/ref=sr_1_9?crid=23P3AW2KE4ZAG&dchild=1&keywords=eklind+torx+set&qid=1617403299&sprefix=torx+eklind%9

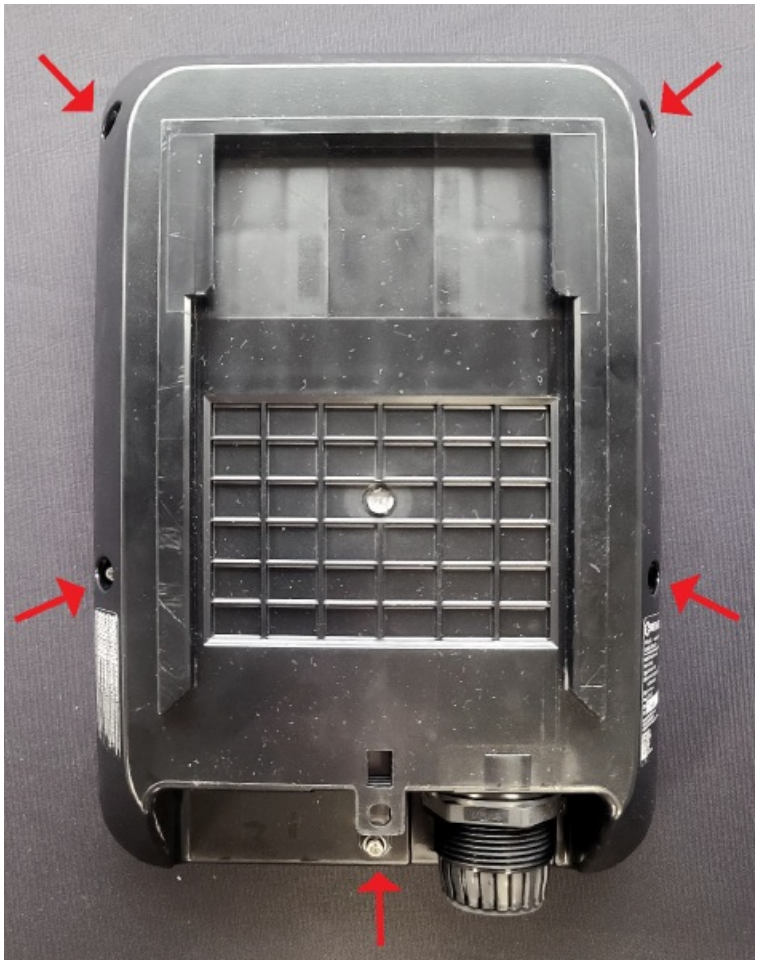
2. RJ-45 Cable (Ethernet Cable)
https://www.amazon.com/Monoprice-Flexboot-Ethernet-Patch-Cable/dp/B00AJHC7BY/ref=sr_1_3?dchild=1&keywords=ethernet+cable+5%27&qid=1617403544&sr=8-3
3.

Computer W/ RJ-45 Port (ethernet port) & Google Chrome
Note: A USB to RJ-45 Adaptor Will Work.
https://www.amazon.com/Cable-Matters-Ethernet-Adapter-Supporting/dp/B00BBD7NFU/ref=sr_1_3?crid=38KA8H9914TR6&dchild=1&keywords=usb+to+rj45+adapter&qid=1617403842&sprefix=usb+to+3

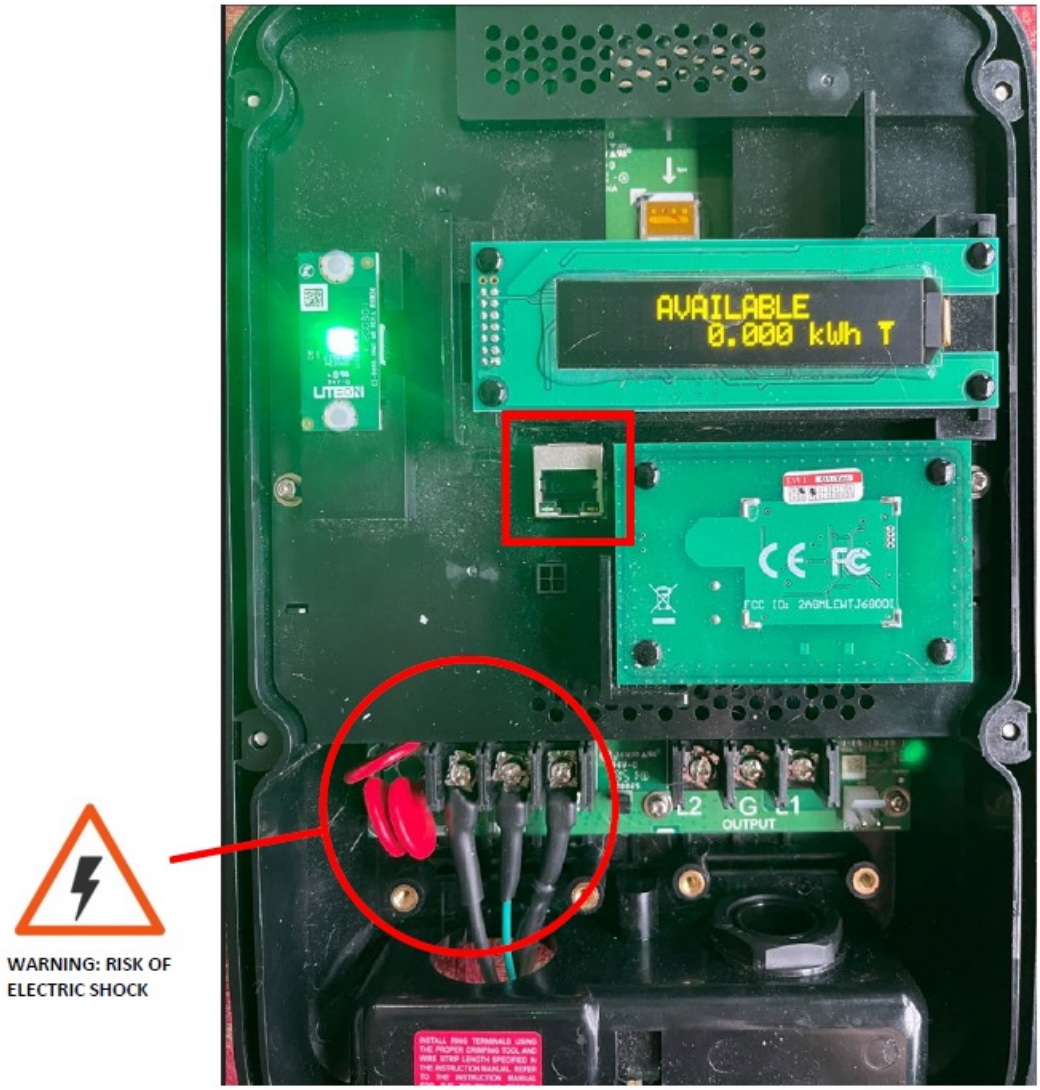
4.

Remove the charger's cover by loosening the five screws located on the back of the charger. Use the T20 L-Key.

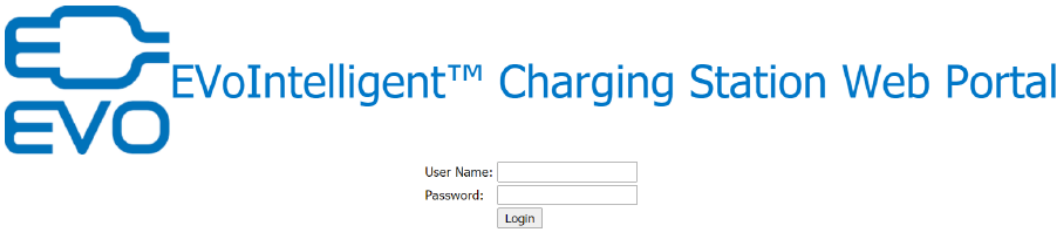
WARNING: RISK OF ELECTRIC SHOCK. THE CHARGER NEEDS TO BE ON. ONCE THE COVER IS REMOVED THE INPUT POWER TERMINALS WILL BE EXPOSED IN THE LOWER LEFTHAND CORNER. USE CAUTION.



5. Connect the Ethernet Cable to the RJ-45 port on the Front of the charger. You will also need to connect the other end to the Laptop.



6. Open Google Chrome on the Laptop. In the address bar type 192.168.100.1. This will take you to the charger's portal.



Once your laptop or cellular phone is connected to the EVOCHARGE iEVSE charging station via Wi-Fi, open a web browser (e.g. Google Chrome or Internet Explorer) and enter the following IP address into the address bar and press "enter"

32A Product: 192.168.100.1 or click on the following hyperlink: **http://192.168.100.1**

40A Product: 192.168.200.1 or click on the following hyperlink: **http://192.168.200.1**

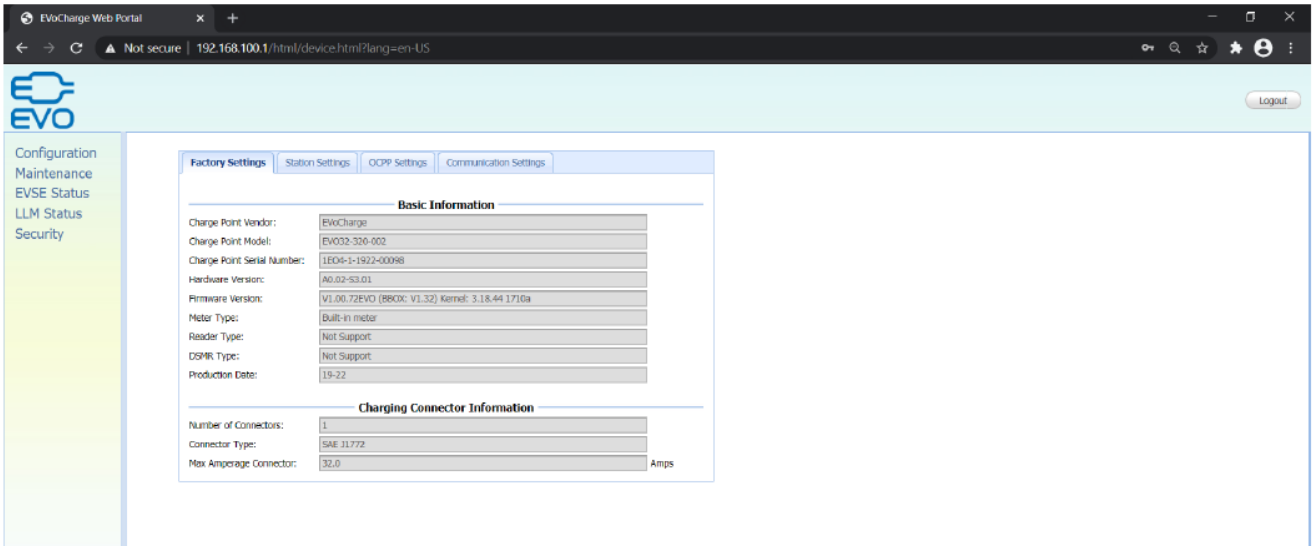
Once the IP address is entered, you should see the EVOCHARGE Web Portal login screen. Type in the Username and Password:

Username: admin

32A Product – Password: EVO32iEVSE

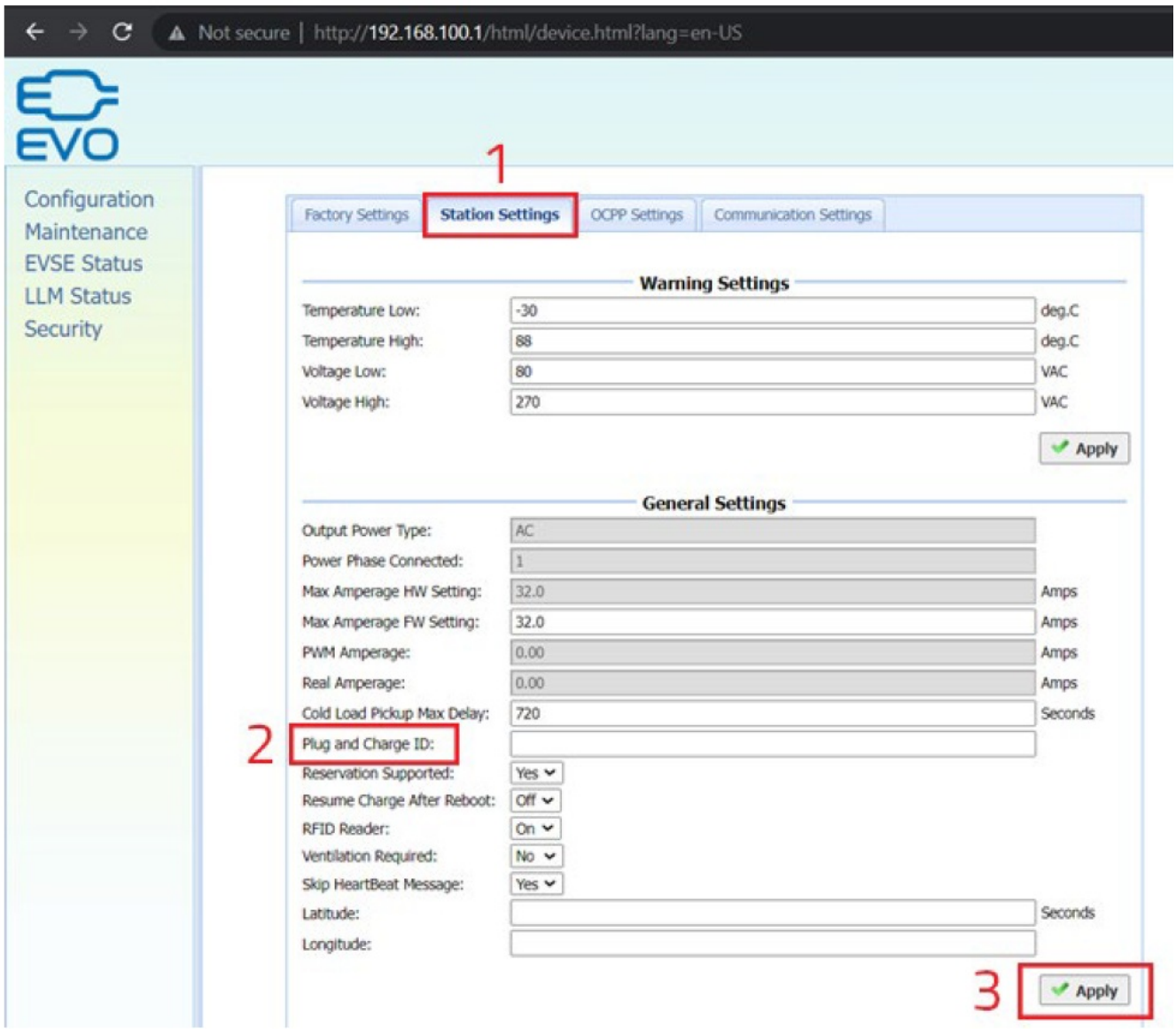
40A Product – Password: EVO40iEVSE

7.



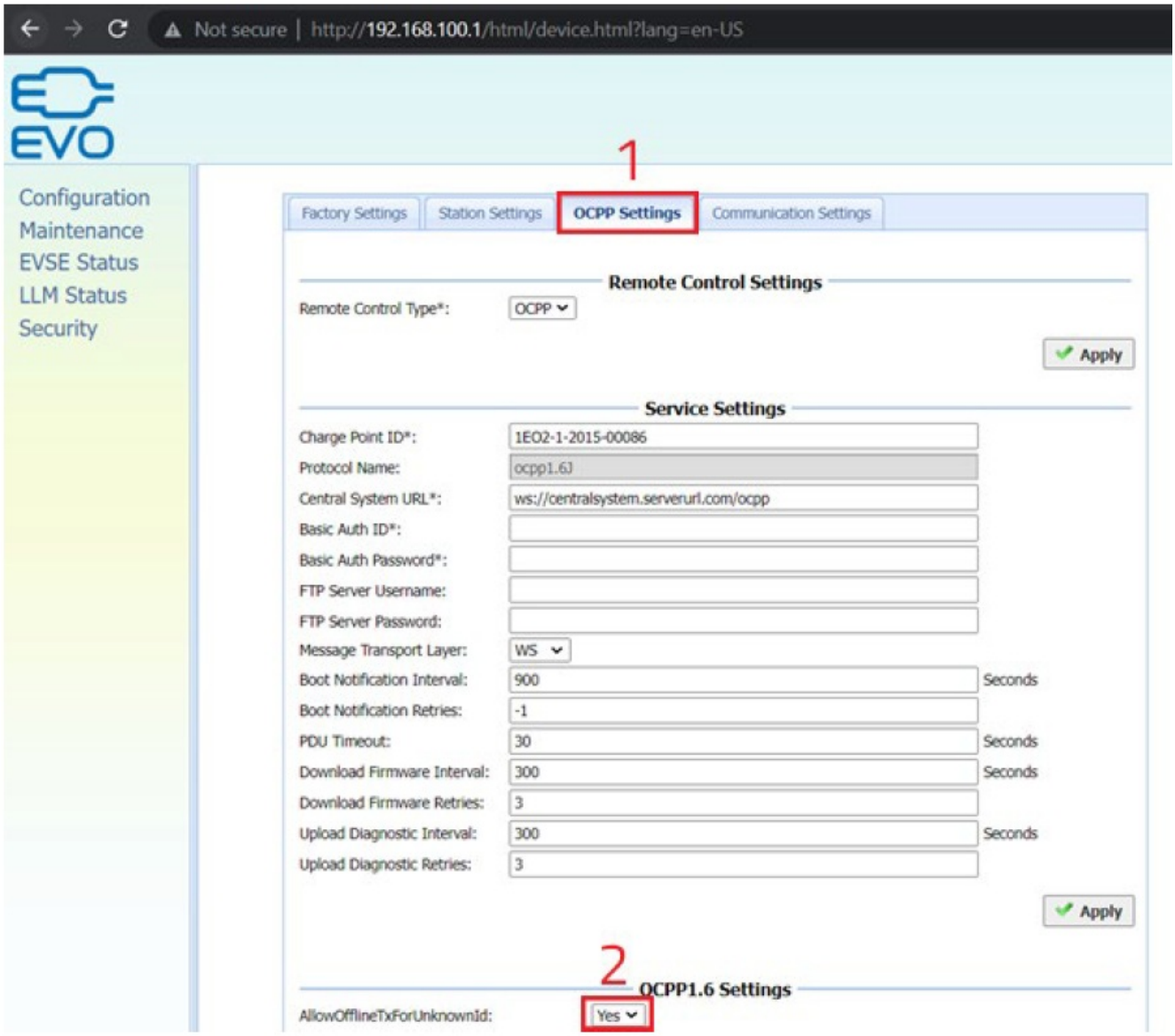
Click on the “Station Settings” Tab. Delete any characters in the “Plug and Charge ID” (Note: This field may already be blank). Then click “Apply”

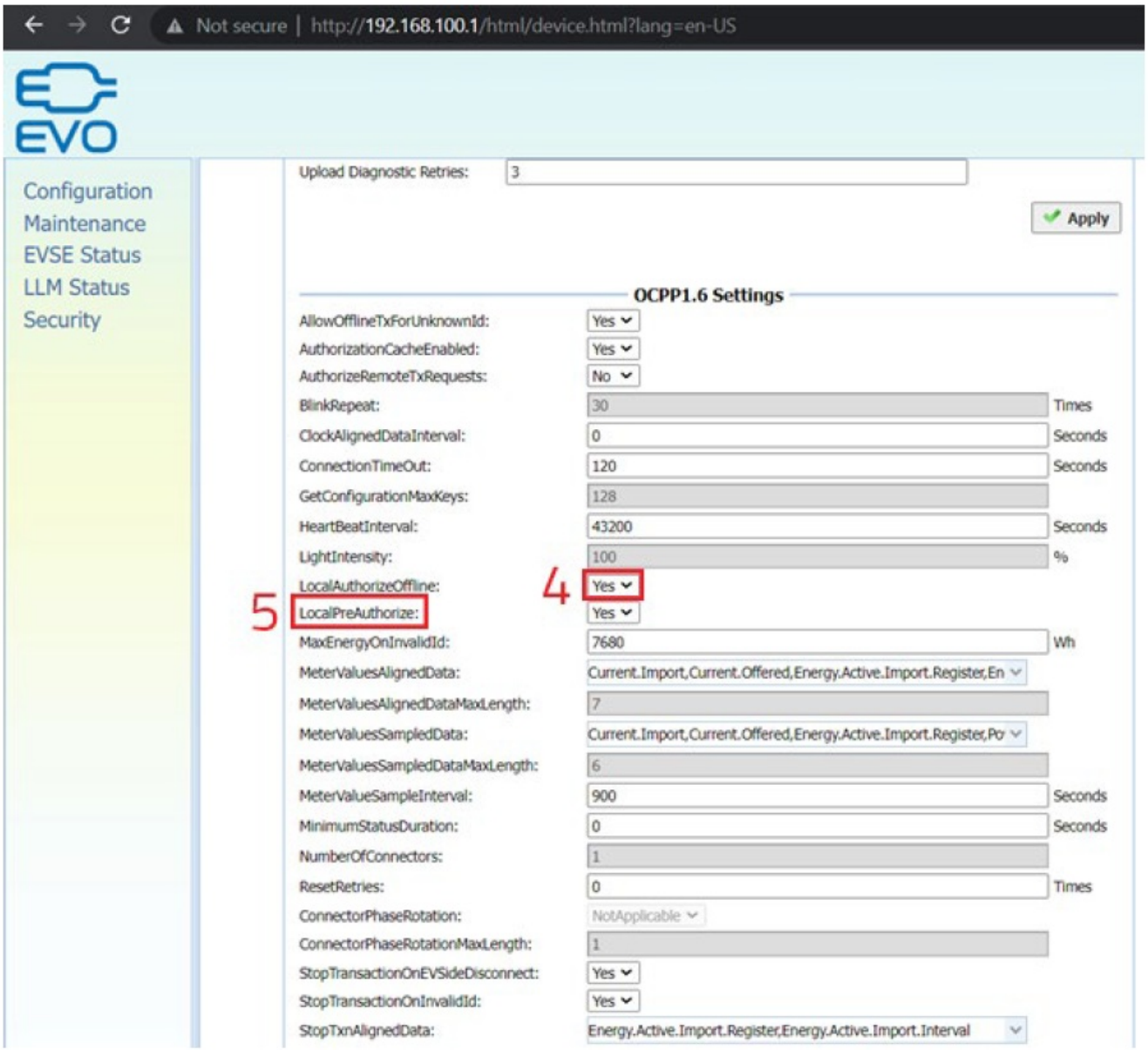
8.

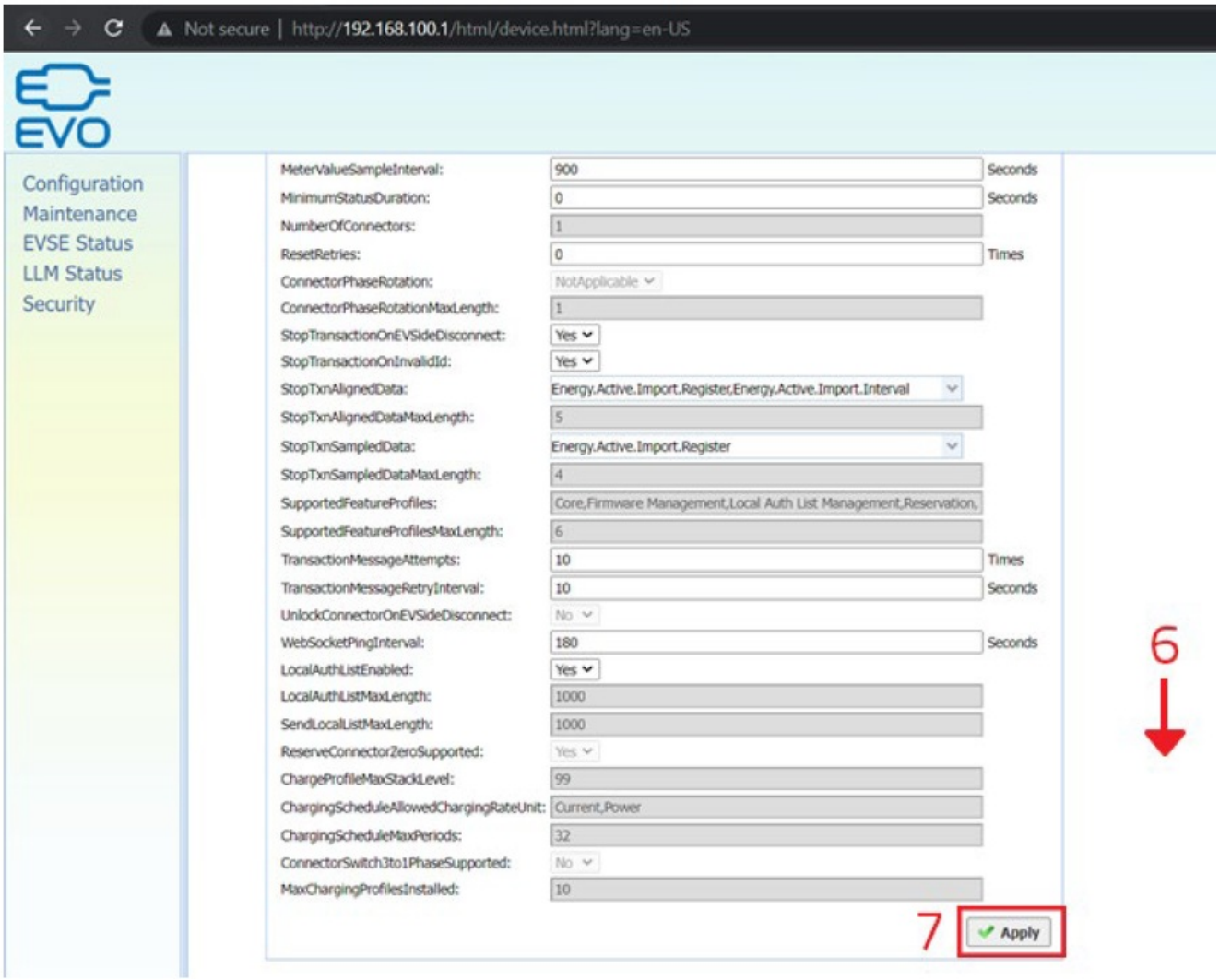


Click the “OCPP Settings” tab. Change the “AllowOfflineTxForUnknownId” to No. Scroll down to “LocalAuthorizeOffline” & LocalPreAuthorize.” Both of these settings need to be set to Yes. Then scroll all the

way down, and click “Apply.”




Not secure | http://192.168.100.1/html/device.html?lang=en-US
EVO
Configuration
Maintenance
EVSE Status
LLM Status
Security
Upload Diagnostic Retries: 3
Apply
OCPP1.6 Settings
AllowOfflineTxForUnknownId: Yes
AuthorizationCacheEnabled: Yes
AuthorizeRemoteTxRequests: No
BlinkRepeat: 30 Times
ClockAlignedDataInterval: 0 Seconds
ConnectionTimeOut: 120 Seconds
GetConfigurationMaxKeys: 128
HeartBeatInterval: 43200 Seconds
LightIntensity: 100 %
LocalAuthorizeOffline: Yes
LocalPreAuthorize: Yes
MaxEnergyOnInvalidId: 7680 Wh
MeterValuesAlignedData: Current.Import,Current.Offered,Energy.Active.Import.Register,En
MeterValuesAlignedDataMaxLength: 7
MeterValuesSampledData: Current.Import,Current.Offered,Energy.Active.Import.Register,Po
MeterValuesSampledDataMaxLength: 6
MeterValueSampleInterval: 900 Seconds
MinimumStatusDuration: 0 Seconds
NumberOfConnectors: 1
ResetRetries: 0 Times
ConnectorPhaseRotation: NotApplicable
ConnectorPhaseRotationMaxLength: 1
StopTransactionOnEVSideDisconnect: Yes
StopTransactionOnInvalidId: Yes
StopTxnAlignedData: Energy.Active.Import.Register,Energy.Active.Import.Interval
4
5



9. Create a CSV file that is formatted the following way (see attached Auth List Example File as an example). Ensure the file is Saved As a CSV file Type.

Auth List Example.xlsm

A csv file is a plain text file which each line represent a RFID card info. The format of a card info is as follow:

CARD_IDTAG,EXPIRY_DATE,PARENT_CARD_IDTAG,CARD_STATUS

CARD_IDTAG: 8 ~ 20 character RFID card ID tag combined with alphabet or numbers.

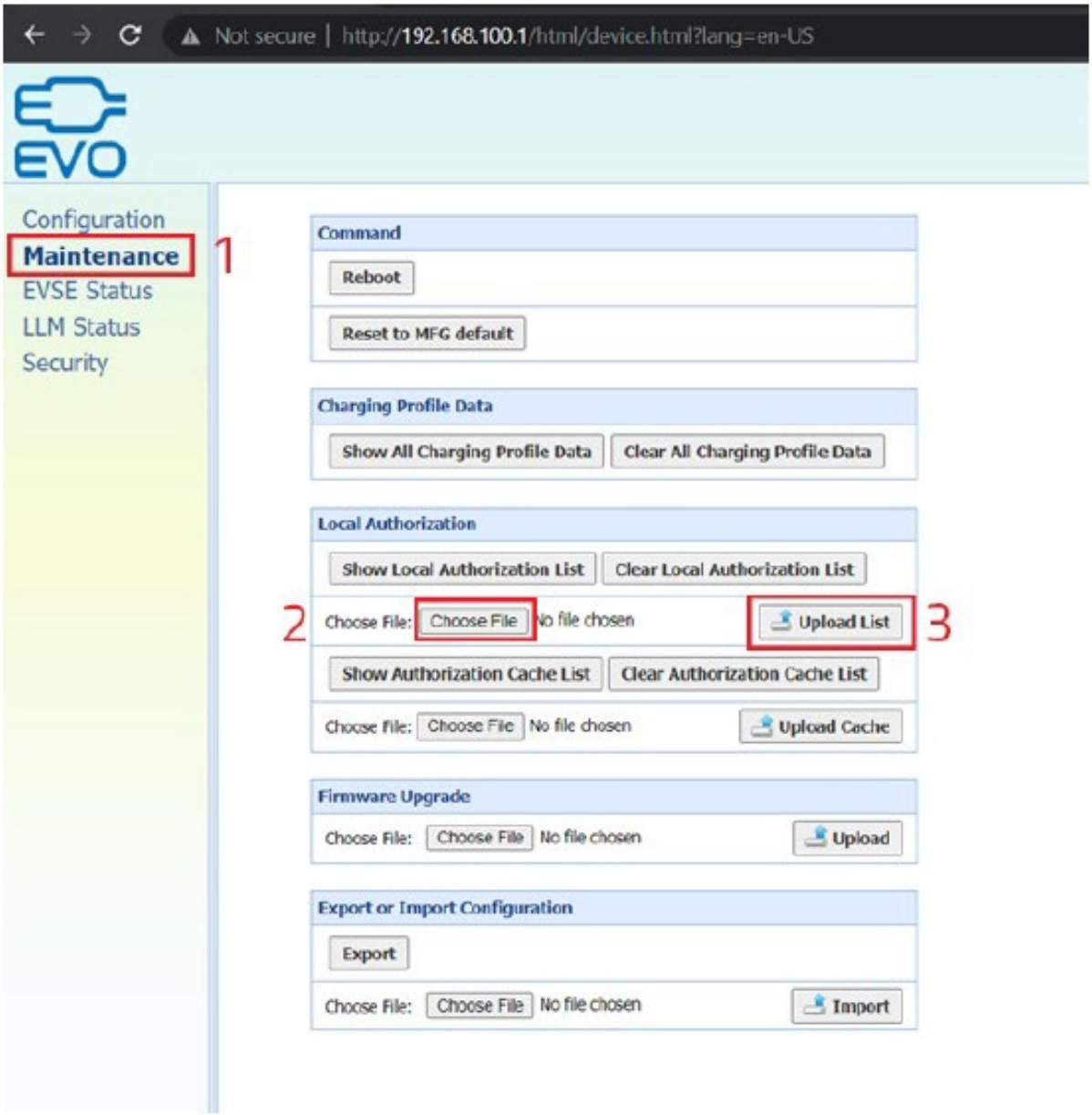
EXPIRY_DATE: The date at which idTag should be removed from the Authorization Cache. Format is *YYYY-MM-DDThh:mm:ss.ttt* which indicates a date in AD.

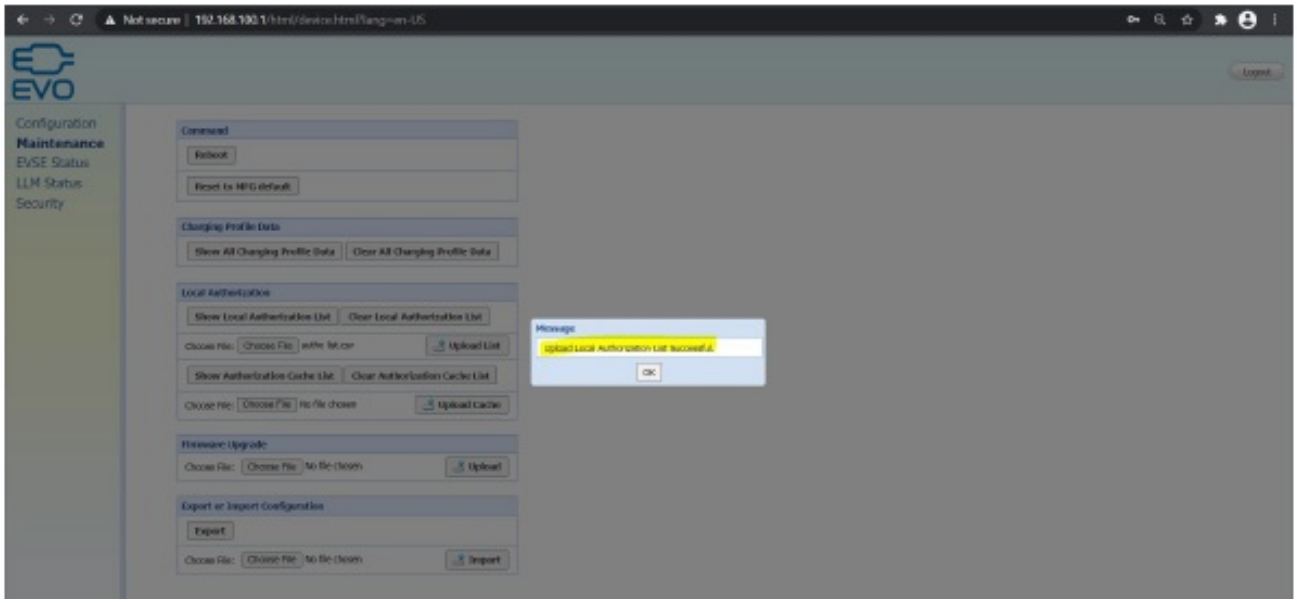
Example: 2019-12-31T16:00:00.000

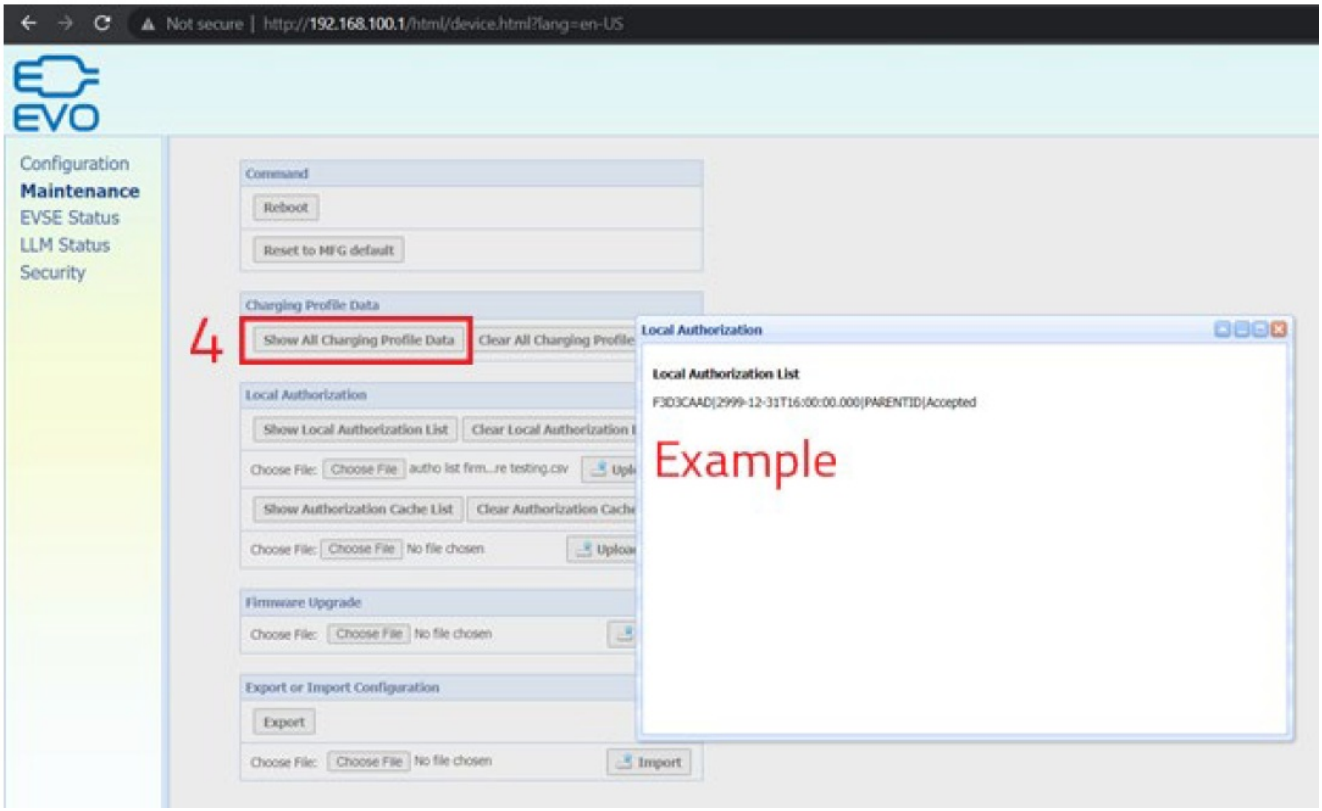
PARENT_CARD_IDTAG: the parent-identifier of the card. The format is same as CARD_IDTAG.

CARD_STATUS: This contains whether the idTag has been accepted or not by the Central System. Valid options are ***Accepted***, ***Blocked***, ***Expired*** or ***Invalid***. This string is case sensitive.

10. The next step is uploading the CSV file. Click on “Maintenance” on the left-hand column. Then click on “Choose File.” This will allow you to search for the CSV. Once you have selected the CSV, you can click “Upload List.” You will then see “Upload Local Authorization List Successful.” Click “Show Local Authorization List” to confirm.


Not secure | http://192.168.100.1/html/device.html?lang=en-US
EVO
Configuration
Maintenance
EVSE Status
LLM Status
Security
1
Command
Reboot
Reset to MFG default
Charging Profile Data
Show All Charging Profile Data
Clear All Charging Profile Data
Local Authorization
Show Local Authorization List
Clear Local Authorization List
2
Choose File:
Choose File
No file chosen
Upload List
3
Show Authorization Cache List
Clear Authorization Cache List
Choose File:
Choose File
No file chosen
Upload Cache
Firmware Upgrade
Choose File:
Choose File
No file chosen
Upload
Export or Import Configuration
Export
Choose File:
Choose File
No file chosen
Import





11. If the cover was removed, you may disconnect the Ethernet Cable. The cover can then be resecured to the charger (Note: ensure that the screws are tight to prevent water damage).

Documents / Resources

	EVOCHARGE How to Upload RFID Card Authorization [pdf] User Guide How to Upload RFID Card Authorization, Upload RFID Card Authorization, RFID Card Authorization, Card Authorization

References

- MIFARE Classic 1K RFID Smart Cards (100 Pack) 13.56MHz 14443A Blank RFID Hotel Key Cards Printable (no mag Stripe) (100) : Electronics
- User Manual

Manuals+, Privacy Policy

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