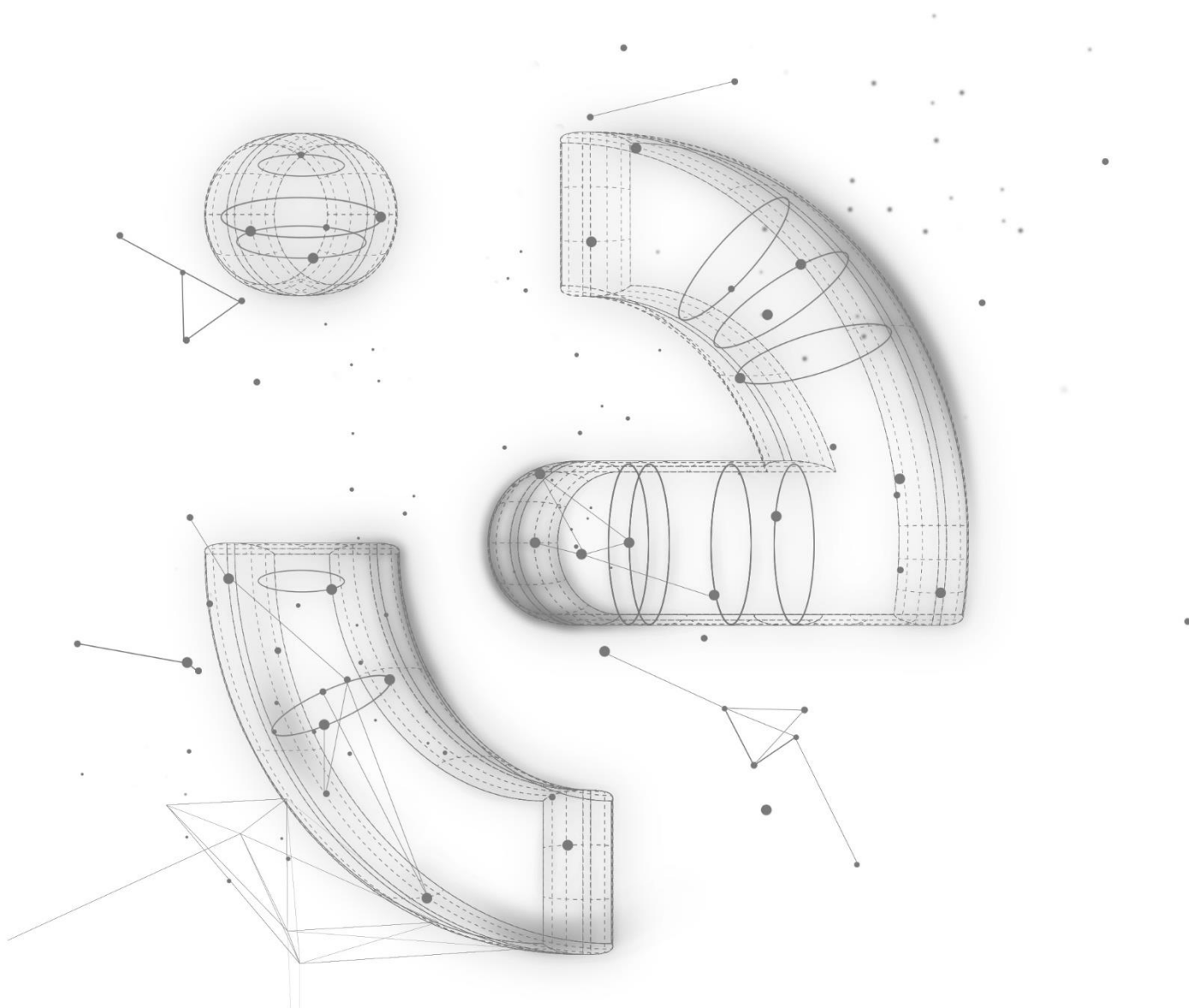# ChargerTune

## Guide

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# Figures

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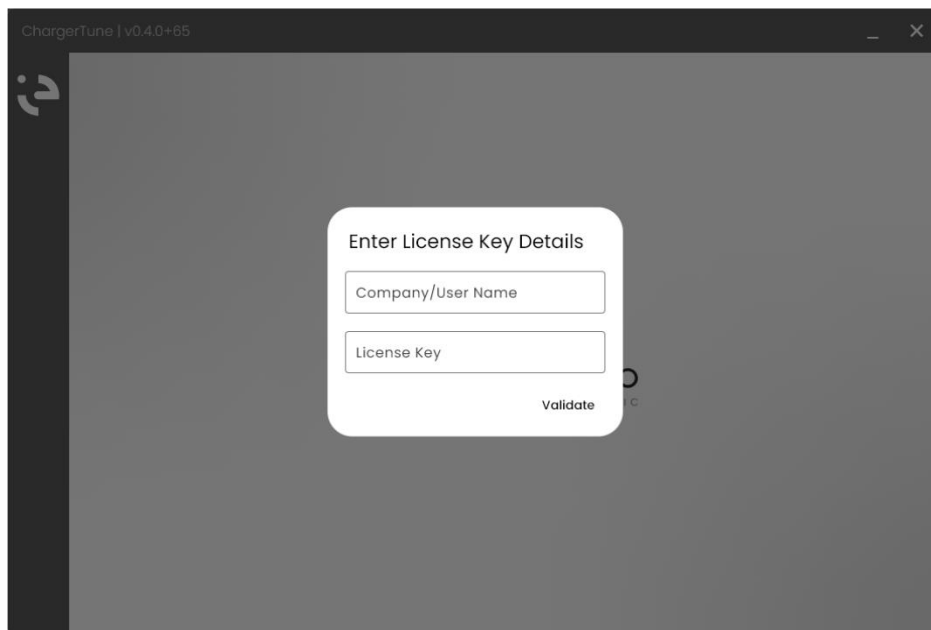
# INTRODUCTION

Thank you for choosing the Iskraemeco eMobility products. This document provides quick start instruction for CharerTune, the local configuration tool which allows the basic set up of Iskeaemeco EV-Chargers.

# LICENSE KEY

First time that the application is started the license key needs to be registered, the application will request:

- the **company name**
- the **license key**

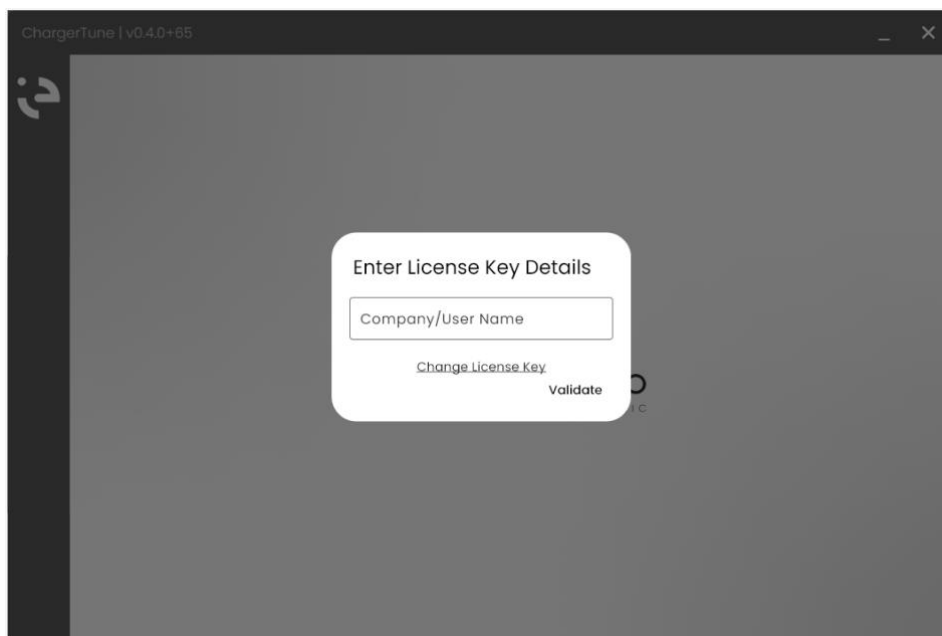Push the »Validate« button to start the registration process as show in the image below



*Figure 1– License Registration*

If the license is valid the application will show to the Charger Configuration screen

License Validation

After the first time license validation the application will request only the **company name**, as shown in the figure below.



*Figure 2– License Validation*

# CHARGER CONFIGURATION

The picture below shows the Charger Configuration page which allows the selection of the type of parameters to configure: OCPP or Network.

The green icon in the top right corner indicates that the application detected an Iskraemeco charger connected to the serial port. In absence of a connected charger the application won't allow any operation.
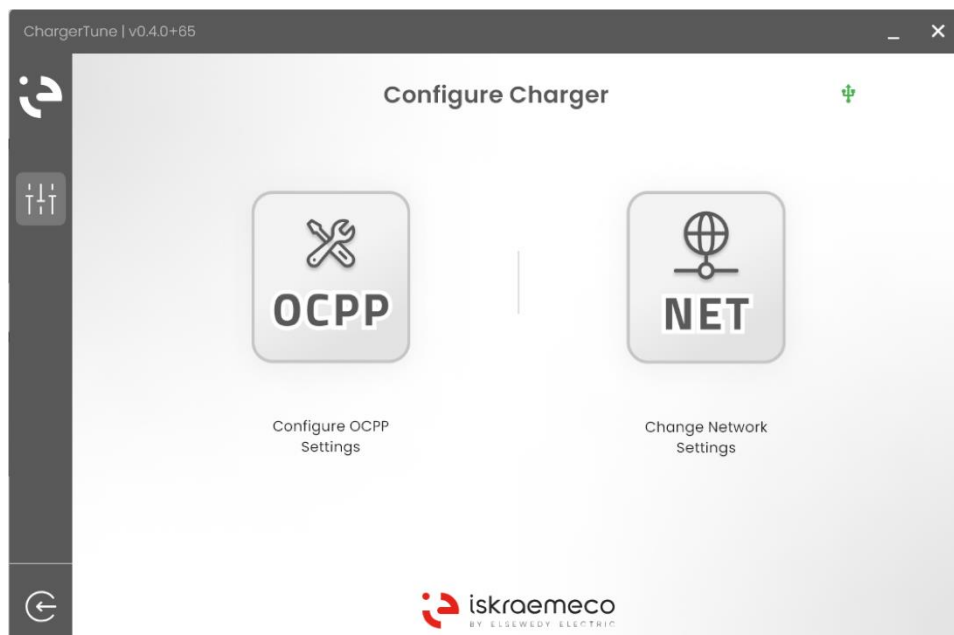


*Figure 3– Charger Configuration*

# OCPP CONFIGURATION

The first step is to read the current configuration from the charger, as shown in the image below.



Figure 4– OCPP Configuration – Read current configuration

When the current configuration has been read the following parameters can be altered.

**OCPP URL**

The URL of the backend system to which the charger might possibly be connected to.
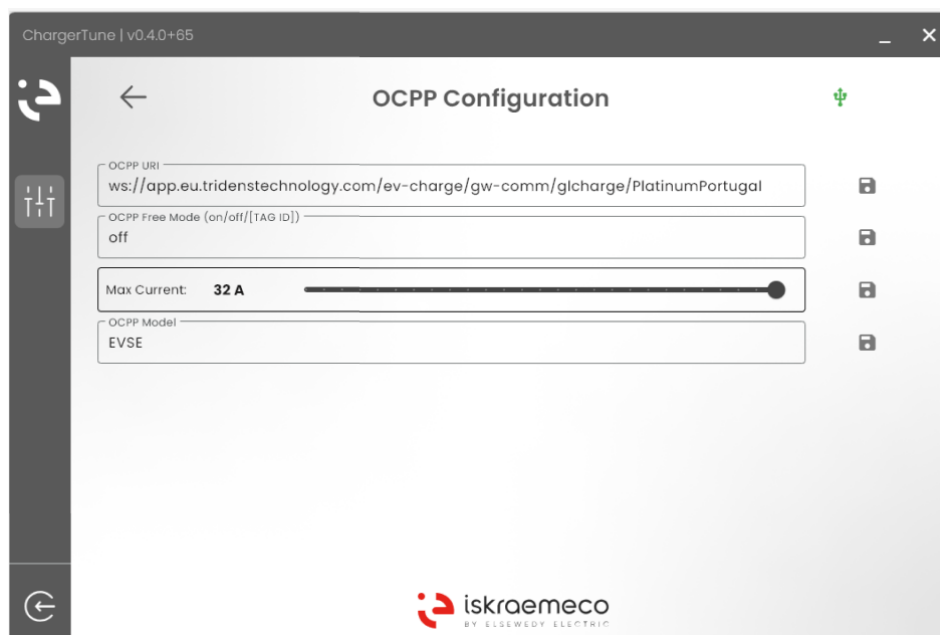
**OCPP Free Mode**

Sets the Free Mode On/Off

**Max Current**

Limits the Max Current.

**EVSE**

Charger's Model

The figure below shows the OCPP configuration screen



*Figure 5– OCPP Parameters*

# NETWORK CONFIGURATION

The first step is to read the current configuration from the charger, as shown in the image below
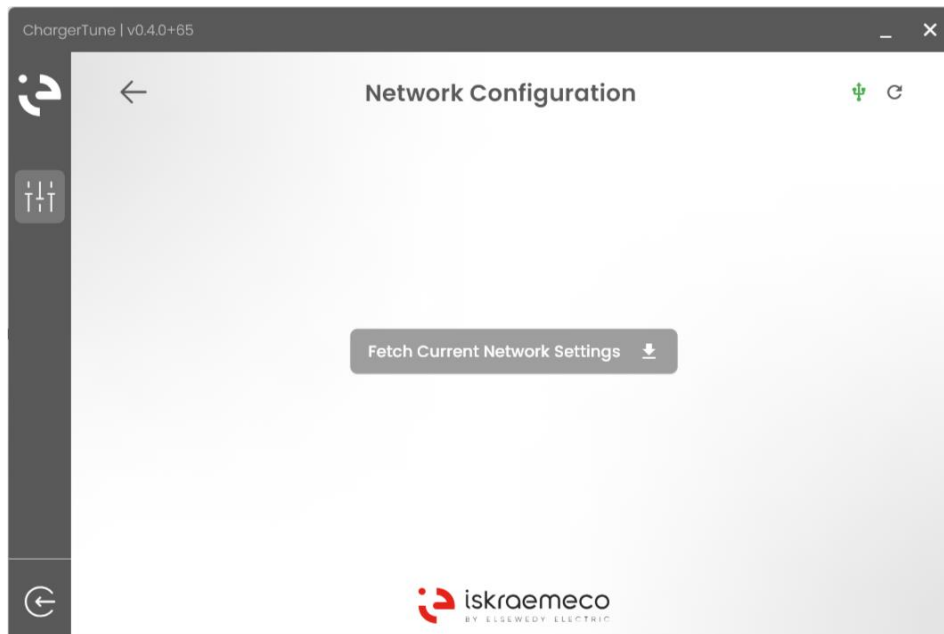


*Figure 6– Network Configuration – Read current configuration*

The application allows to change:

- Wi-Fi Configuration
- Ethernet Configuration
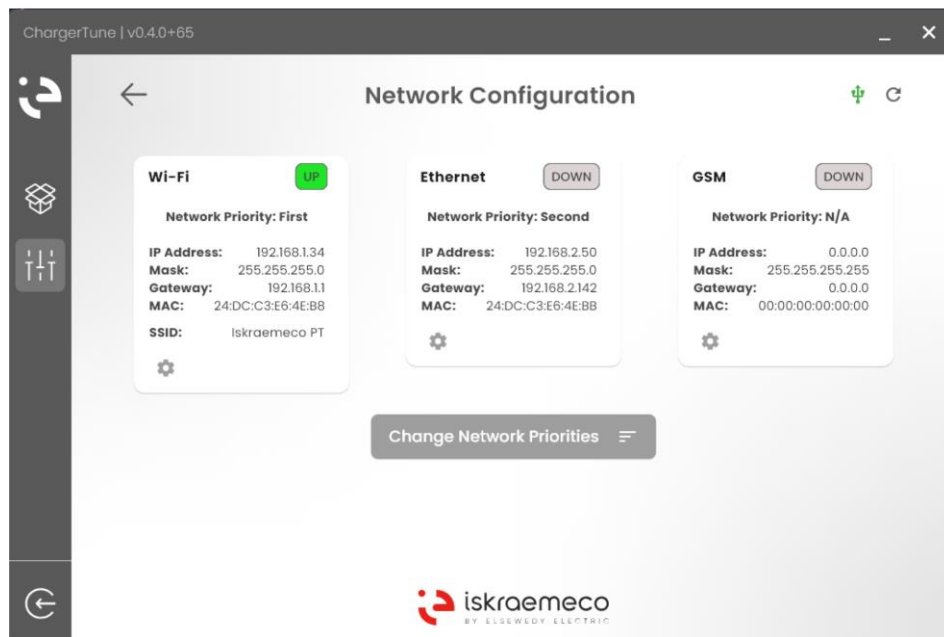- Cellular (GSM) Configuration
- Network Priorities

*Figure 7– Network Configuration*

### Network priorities

As shown in the figure below, this section of the application allows to prioritize the network connections.
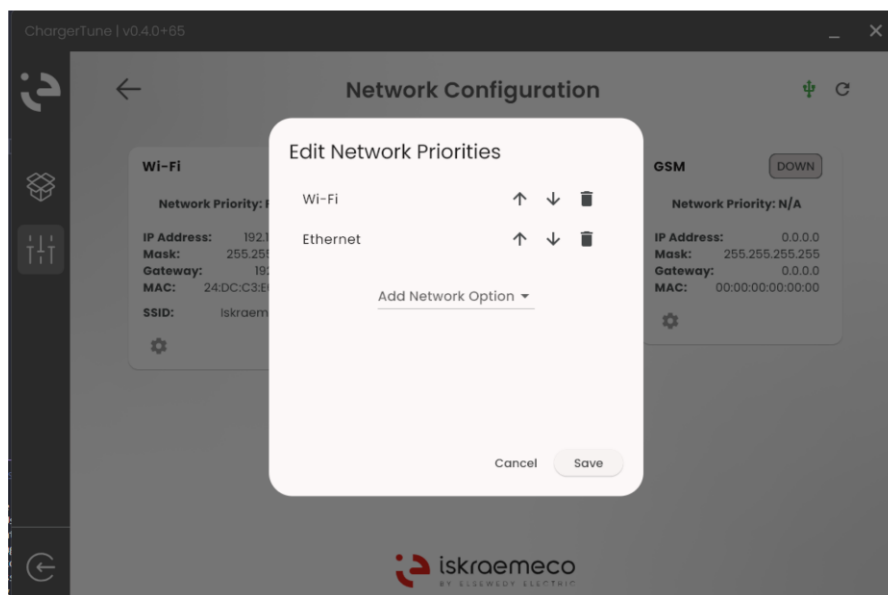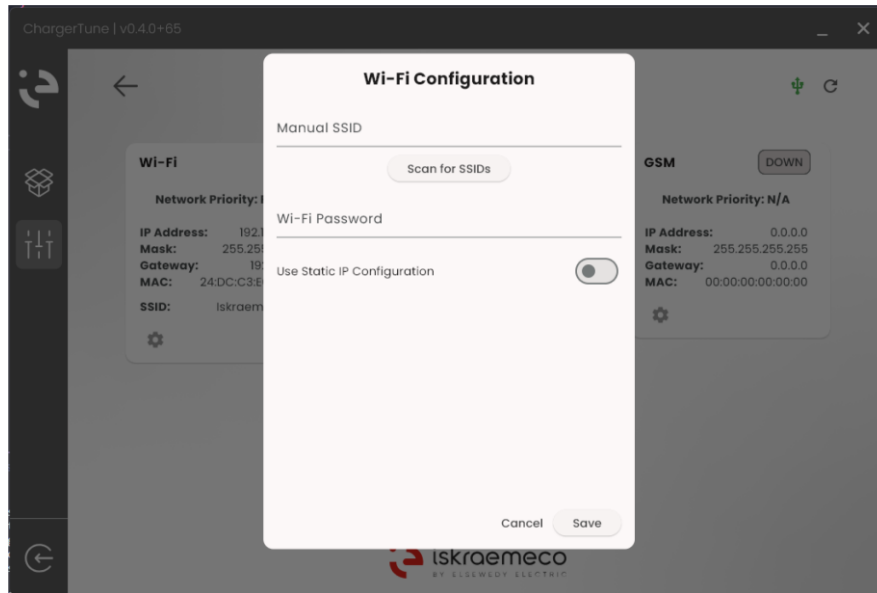


*Figure 8– Network Configuration – Set Network Priorities*

**Wi-Fi**

The picture below shows the Wi-Fi parameters which can be set:



*Figure 9– Network Configuration – Wi-Fi*

The SSID can be entered manually or allow the charger to search for it, the IP configuration can be set via DHCP (default) or statically, entering manually the IP address, Network Mask, Gatwey, and DNS.
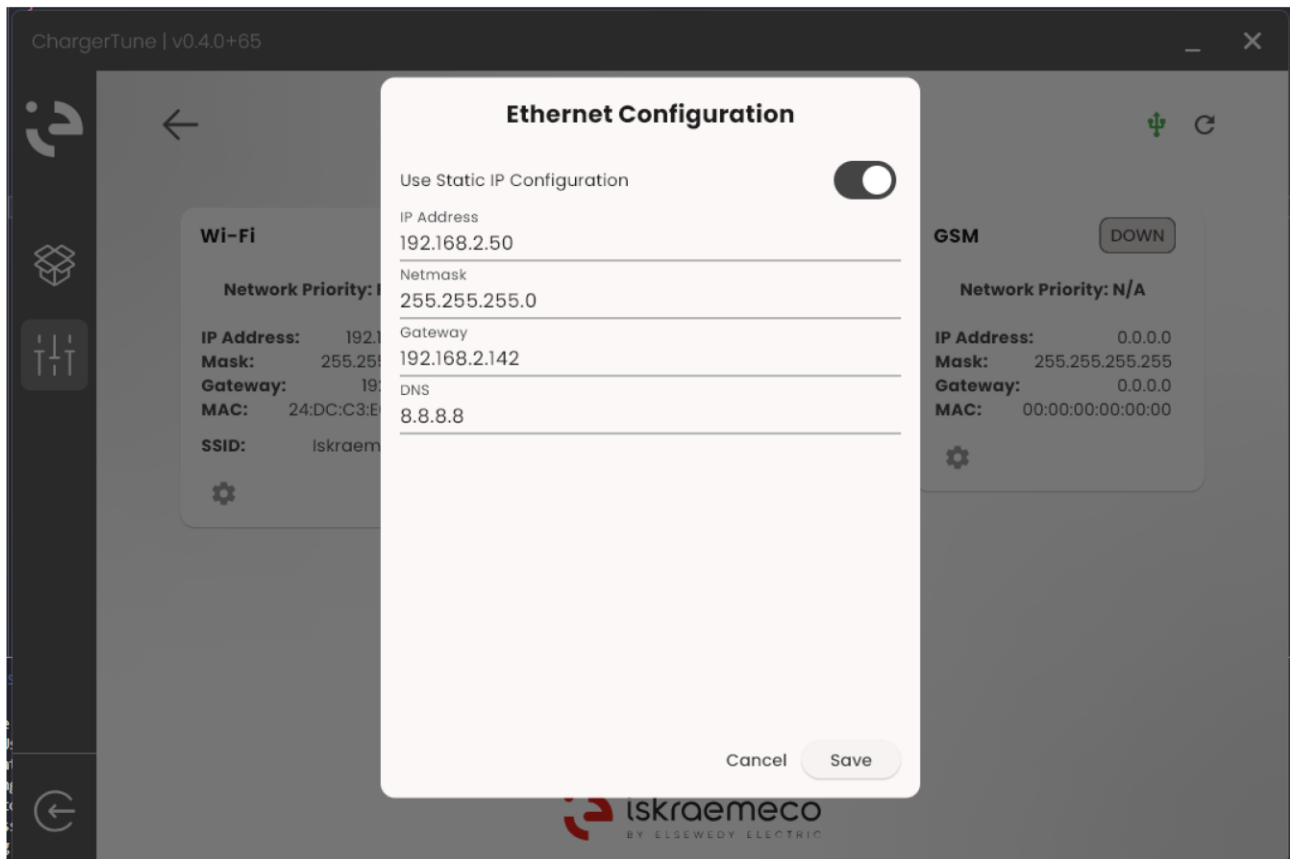
**Ethernet**

*Figure 10– Network Configuration – Ethernet*

The IP configuration, of the Ethernet channel, can be set via DHCP (default) or statically, entering manually the IP address, Network Mask, Gatwey, and DNS.

**Cellular (GSM)**



*Figure 11– Network Configuration – Cellular*

GSM Configuration allows to set the APN name and Reset the Modem.