

AUGUST 2020

Terra AC: TerraConfig App & Climkit Integration

Edited by Climkit SA (January 2022)



Document ID.:

Where to find the TerraConfig App?

By 'TerraConfig' in App or Google play store

Note: Previously downloaded TerraConfig App need to be updated to minimum version 1.3.







Log in with TerraConfig account

- Install and open TerraConfig App
- Log in with credentials

EMAIL: abb@climkit.io

PASSWORD: ClimkitAbb2021

Contact technique@climkit.io if you have trouble to log in.

∭ TerraConfig —	⊕ English ▼
Log in	
Christian.van-maurik@nl.ab	b.com 🛛 🔊
Password	Ŕ
Forg	et your password?
LOGIN	

Connect to Charger

- Smart phone needs to be connected to the internet and Bluetooth connection enabled
- 2. Press 'Connect Charger' to activate search for Charger
- 3. Select your Charger from the Device List by Serial Number
- Enter the Pin code (letters + numbers) given by Charger owner and press 'Continue'.

Note: owner can change the pin code by ChargerSync App

5. TerraConfig App will connect to that charger

The PIN code is on a sheet of paper inside the charger packaging box.

Do not lose it !







Device Update



With 'Device Update' the latest firmware or specific version can be downloaded and uploaded to the charger.

Press "+" and the TerraConfig App will search for available Firmware.

Followed by Add Package and Upload Package to the charger.

Update to the latest firmware version



Charger Link



With ChargerLink the charger

internetconnectivity option can be selected.

Options are

- LAN (default) -
- Offline (When using the charger in offline mode only the status connectivity LED can be disabled)
- Wi-Fi -
- 4G -

Note: Enable LAN or switch to LAN from 4G or Wi-Fi will initiate the charger to restart!

<	Charger Link		<	Charger	Link
	Activation of Network			Activation of Network	1
	Select the type of network you want to your charger to. O Enable LAN or switch LAN to 4G or V initiate the charger to restart.	o connect Wi-Fi will		Select the type of network y your charger to. O Enable LAN or switch LAN initiate the charger to res	/ou want to connect ↓ to 4G or Wi-Fi will itart.
	Wi-Fi	\bigcirc		Wi-Fi	C
	4G	\bigcirc		4G	C
	APN Settings	Off >		APN Settings	Of
	LAN			LAN	C
	Offline	\bigcirc		Offline	



Charger Link – Wi-Fi



Before configuring the Charger Wi-Fi connection the smart phone needs to be connected to the selected Wi-Fi network first.

enable Wi-Fi and press Wi-Fi Settings
 SSID shows the connected Wi-Fi

network

- 3. Enter Wi-Fi password and press 'Next'
- 4. Charger is connected to Wi-Fi network

Charger Link		< <u><</u>
Activation of Network		Wi-Fi Configuration Wi-Fi Configuration
Select the type of network you war	t to connect	Please make sure the APP is connected with
 Enable LAN or switch LAN to 4G initiate the charger to restart. 	or Wi-Fi will	SSID: Mrescude
Wi-Fi		Enter Password 💿
Wi-Fi Settings	>	
4G	\bigcirc	
APN Settings	On >	
LAN	\bigcirc	
Offline	\bigcirc	
		Q W E R T Y U I O P
		A S D F G H J K L
		★ Z X C V B N M <
		123 🌐 🖉 space return

OCPP Server



Before enable an External OCPP access the OCCP server details need to be entered/ known in the TerraConfig Portal Account. Select the External OCPP server and press Configure.

Without 'Server Info' will show '----'.

Choose the static local IP address of the Climkit Gateway based on your router configuration:

192.168.1.10:9000 or 192.168.2.10:9000 or 192.168.0.10:9000

<

Original

to access the EVSE.

С

Contact technique@climkit.io for special IP requests.



How to configure User Settable Max Static Current Limit?

Charger Pairing Switch Charger 🗍 Connected 👂 💿 🙆 💷 Disconnect 📿 TACW2242020S0155 Self Detect Ξ Device Sync Firmware Info Device Info Configuration $\overline{\mathbb{W}}$ (F) 슢 Device Update Charger Link OCPP Server \square 0 Ø Card Device Mode Settings 0

Use 'Settings' followed by 'Local Power Grid Configuration' **only** to configure the 'User- settable Max Static Current'. The Charger can be limited to 10/16/32A. Press 'Save' and red check mark (top corner right) to confirm.

The max static limit is not accessible by ChargerSync App.

Please do not use other visible menu items as this will be improved in the next release.

Choose the max current of the installed switch.

General Parameters		<		<	~	
Charge Point Settings		Local Power Grid Configurati	ion			
Charge Point Employ Info	>			Local Power Grid Configura	ation	
Local Power Grid Configuration	>	User-settable Max Current	32 🔻	User-settable Max Current	32 🕶	
Electrical Protection Settings	>	Frequency of AC Current	50 🔻	Frequency of AC Current	50 🔽	
		Charging Priority	12	Charging Priority	1 🕶	
Connection Layer Settings		Local standard voltage	230 🖍	Local standard voltage	230 🖍	
Socket Configuration	>	Threshold of Over Voltage	20%	Threshold of Over Voltage	20% 🖍	
LAN Configuration	>	Threshold of Lack Voltage	20%	Threshold of Lack Voltage	20% 🖍	
WIEI Configuration		Threshold of Over Current 1	13%	Thrashold of Over Current 1	100	
GSM Configuration	5	Threshold of Over Current 2	28%		×	
Gom configuration					User-settable Max Current	
Bluetooth Device Information	>					
NFC Device Settings	>			10		
				16		
				32		
				Save		

Card



or

Use Card menu to 'Enable external 3rd party RFID cards.

Following cards are compatible:

SO 14443 type A and type B, UID 4 bytes.

The UID 7 bytes will be available in the next release.

if the RFID type is unknown an additional 'NFC' tool can be used. Preferred from google play store as most of the NFC tools from App store do not work.

Enable external cards to use Climkit RFID cards (keyfobs)

Disable if authentication is not necessary.

<	Card Config
	Card Permissions
	Enable external cards
	Turn on this option and default card will be denied by this charger.
).	

Device Mode



With Device mode the Terra AC Wallbox can be enabled for free vending mode.

- **no authentication** (RFID authorization/

ChargerSync App is not needed)

Disable Free Vending to authenticate with Climkit RFID cards (keyfobs)

or

Enable if authentication is not necessary.

C Device Mode		
	Free Vending	
	Enable this feature and the charging session will happen without authentication at any time.	

Me

My Account and About TerraConfig



In Me section the TerraConfig account can be managed. - in 'My Account' it's possible to edit username and change password of TerraConfig app account. - in 'About TerraConfig' TerraConfig App version can be found

Please, do NOT edit username or password

