

NEW AC CHARGER CONFIGURATION

V4.0

1. INTRODUCTION

New version is designed to make the configuration on webpage via PC, PAD and Mobile phone, no need extra configuration tool.

2. INTERNET CONNECTION

The AC Charger is supporting internet connection via Ethernet, Wi-Fi and 4G.

2.1 Ethernet Connection

Connect the Ethernet cable to Ethernet port of main board

2.2 Cellular Connection

Insert the SIM card to the 4G module

3. CONFIGURATION

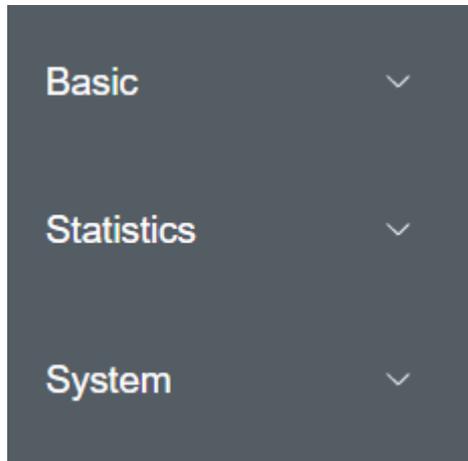
It is recommended to use the Chrome kernel browser for access

3.1 Login Web Page

- Connect your device(phone,tablet or pc) to the charger WI-Fi by manually selecting the network 'IOC-2.4GHz-XXXXXX', and typing in the default password 'IOC12345'.
- .Open the web-based setup page by entering the default IP address '192.168.10.1' and enter Username 'useradmin' and Password '12345678' then click 'ok'.For the first time, you need to change the default login password.

3.2 DESCRIPTION

There are 2 pages available with the configuration page.



- Basic
EV Charger basic configuration
- Statistics
Charger transaction for analysis
- System
Change login password

3.3 User

4 modules included, Network, Software, LCD and LED.



3.3.1 Network configuration

Network configuration: Ethernet, Wi-Fi, 4G ,VPN and Advance.

Ethernet

Mode

DHCP

IP Address

Mask

Gateway

DNS

WLAN

Enable WLAN

SSID

Encryption

Password

DHCP

IP Address

Mask

Gateway

4G

Enable 4G

APN

Dial

Pin Code

User

Password

VPN

Enable

Advance

Allow Lan visit Internet

IPv6

- Ethernet
 - Mode: only used for commercial charger for now, PC accesses the charger webpage configuration page via Ethernet cable. 3 options available, Router, Switcher and Cascade.
 - DHCP: Ethernet connection is available with both DHCP and static IP.
- WLAN: Scan the Wi-Fi list and select the SSID to connect .
- 4G: Please check with the cellular provider about the cellular connection related information.
- VPN: default disable and PPTP optional
- Advance
 - Allow Lan visit Internet : User can visit internet when the value is false
 - DNS Rebind Attack Protection: blocks the use of private IP ranges by public domains
 - IPv6:Enable IPv6 address

3.3.3 Software Configuration

KEY1

- No Card Start Charging
- No Card Stop Charging
- Switch Language

Switcher

- Default LCD display RFID
- Start Charging on Plug
- Manual reset required when PE/RCD fault detected
- Using Wifi AP as QR
- Show welcome screen when idle
- Disable auto recovery session

- KEY: Select the option to activate the silver button function, KEY1 for single Wallbox and KEY1 & KEY2 for pedestal dual AC Charger
 - No Card Start Charging: press the button to start charging
 - No Card Stop Charging: press the button to stop charging
 - Switch Language:press the button to change display screen language

- Software Switcher: Select the option to activate the software function
 - Default LCD display RFID:screen default display swipe the RFID card
 - Start Charging on Plug:just plug and charge, no need extra authorization.
 - Manual reset not required when PE/RCD fault detected
 - Using Wifi AP as QR:scan the screen QR to recognize charger WiFi information function.
 - Show welcome screen when idle
 - Disable auto recovery session:When the charger is powered off abnormally, whether to restore the previous charging session after the power supply is restored.

3.3.4 LCD

Content

QR0

Code0

Brightness

Idle - +

Active - +

Charging - +

Timeout (minutes) - +

Language

Language

- Content
 - QR: Configure QR code to be showed on the screen display, QR0 for single Wallbox and QR0 & QR1 for pedestal dual AC Charger
 - Code: Configure the Station code to be showed on the screen display, either '0' or 4 digital numbers, Station Code 0 for single Wallbox and

Station Code 0 & Station Code 1 for pedestal dual AC Charger

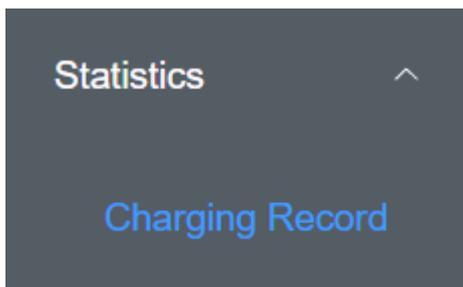
- Brightness
 - Idle : Brightness of charger on Idle mode
 - Active : Brightness of charger on active mode
 - Charging : Specific brightness of charger during charging
 - Active Timeout(minutes)
- Language: Configure the charger screen language, only multilingual firmware is supported

3.3.5 LED

Status	Type	Speed	Color
Idle	Fade	1	White
Charging	Fade	4	White
Fault	Fade	4	Red
Suspend	Flash	4	Yellow
Reserved	Fade	1	Cyan
Unavailable	Fade	1	Red

- Configure the LED display of charger on different status

3.4 Statistics



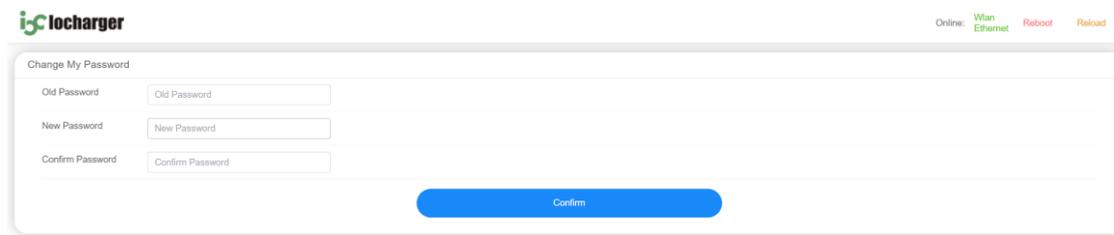
3.4.1 Charging Record

This page contains the transaction data of charging session such as the time, fee, information of charger etc. for further analysis.

TransactionID	ConnID	StartTime	StopTime	IdTagStart	IdTagStop	MeterStart	MeterStop	Reason	ReservationID	SyncStart	SyncStop	Duration	Energy	MeterValues
---------------	--------	-----------	----------	------------	-----------	------------	-----------	--------	---------------	-----------	----------	----------	--------	-------------

3.5 System

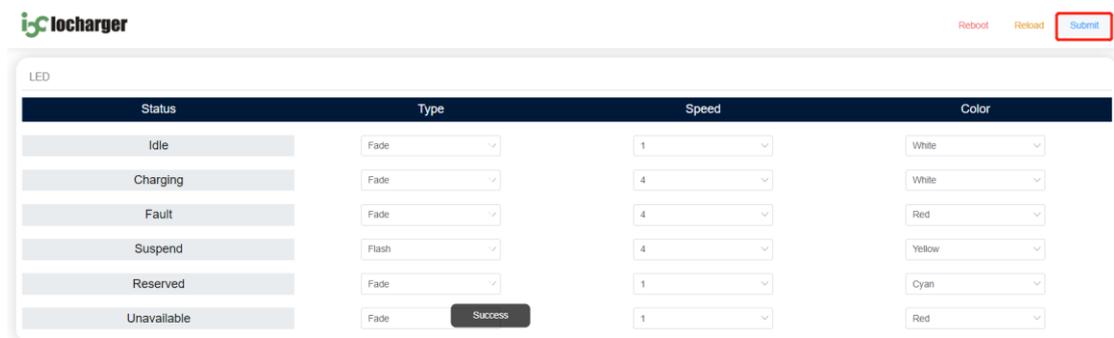
3.5.1 Password



- Modify the current password and save the new password

3.6 Common Questions

3.6.1 Submitting a new configuration



Status	Type	Speed	Color
Idle	Fade	1	White
Charging	Fade	4	White
Fault	Fade	4	Red
Suspend	Flash	4	Yellow
Reserved	Fade	1	Cyan
Unavailable	Fade	1	Red

- Click the "Submit" button in the upper right corner to save the new configurations. New configurations will be successfully loaded. When "Success" pops up in the middle of the screen.

3.6.2 Submitting fault

- When some configuration parameters are missing, click "Submit" at the center of the screen, and a specific parameter reminder will pop up.
- Please contact ioCharger for any further technical support.

3.6.3 Because continuous improvement is a goal at ioCharger, we reserve the right to make file modifications at any time.