

Pheilix Smart OCPP1.6J Platform

Worldwide Platform Service



ENABLING YOU TO

MANAGE & OPERATE YOUR OWN

CHARGING NETWORK

Why Choose” Pheilix Smart”

“Pheilix Smart” is independent developed by Pheilix Technology. Compliant with OCA,DIN70121,ISO-15118 approvals.

It is a unique EV charging platform providing businesses, organizations and similar with the ability to deploy and self manage their very own EV charging network without having to incur any of the significant costs associated with developing a back-office, phone app and secure payment/management platform.



“Pheilix Smart” is a Public platform system integrated the EV charging points, commercial or residential solar system, battery pack system and smart home system.

“Pheilix Smart” Provides an independent back-end management account for operators. Live monitoring of Charge Points network, including charging sessions, socket activity, driver groups, tariffs and billing configuration.

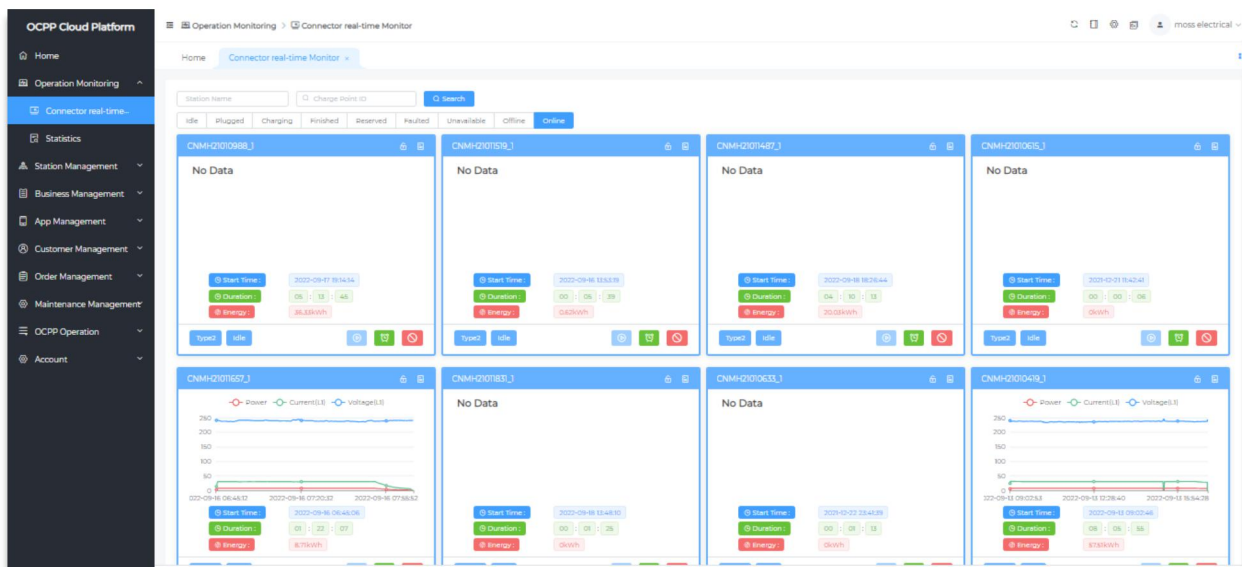
Benefits of Pheilix Smart Platform

✔ You're In Complete Control

Unlimited use of an industry leading back-office platform enabling you to have full management and control of your entire EV charging network.

✔ Future-proof & Scalable Solution

Manage single or multiple charge points with the option to accommodate private network charging (staff members, fleet drivers etc), ensuring your charge points are secure from unauthorized usage. Add more EV charging points to your infrastructure as and when demand increases.



✔ Mapped Network

Complete mapped overview of your network as well as the ability to group your charge points at your premises/sites using the platform's interface.

✔ Customisable Tariffs

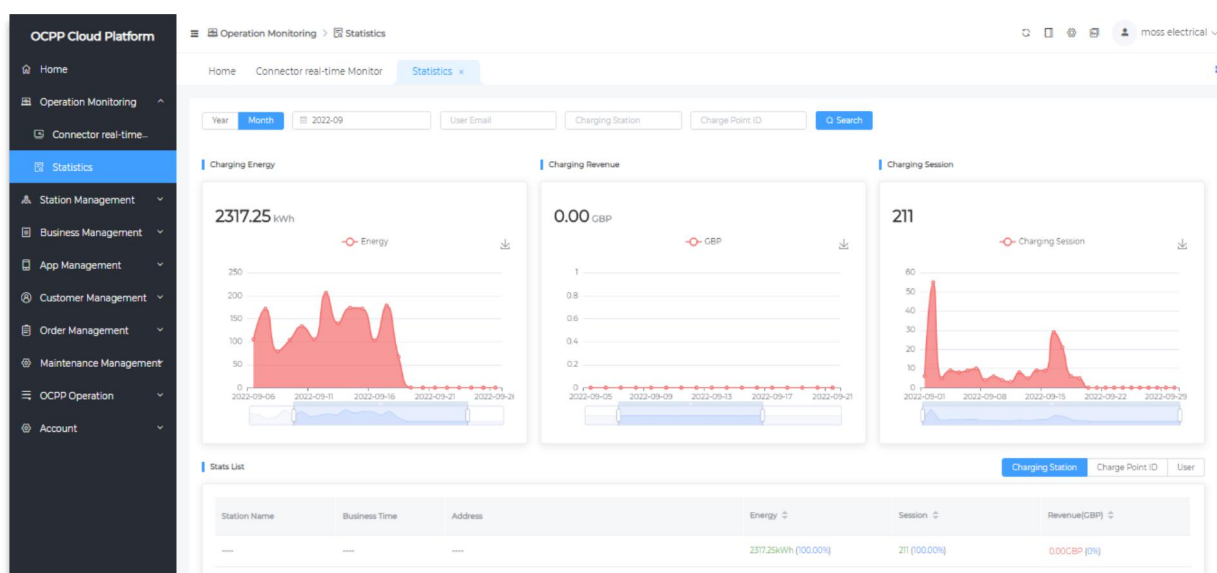
Operate your charging points via pay-to-charge, free-to-charge or BIK options. For example, you may wish to offer free charging to employees, whilst providing visitors with a pay-to-charge service.

✔ Generate Revenue

Immediate revenue stream by simply setting your own EV charging tariffs, with the ability to change as and when you wish to suit your business requirements. The revenue summary page provides you with a clear itemised overview of your generated revenue.

✔ Smart Reporting & Analytical Feedback

Full visibility of real-time charge point activity, monitoring and energy usage all at the click of a button, helping you understand charging behaviors and where further infrastructure is required. You can easily access and export all historic data and reports.



✔ Fleet Management Solutions

Ability to assign RFID card/fobs to drivers or vehicles which can then be used to authorise charging sessions. There is also the option to restrict charge points to specific VRMs (Vehicle Registration Marks), making the ideal solution for fleets.

✔ Automatic Fault Notifications

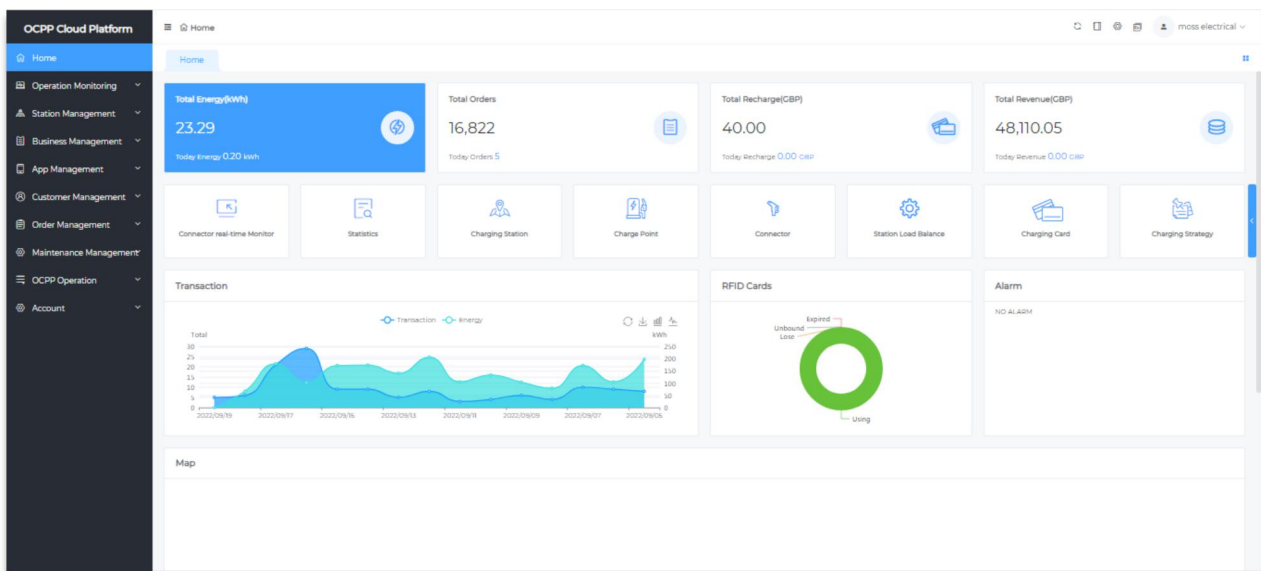
Fault notification feature allows the Pheilix team to provide support when required.

✔ Over The Air Updates

Pheilix Smart OCPP integration enables remote over the air firmware updates ensuring you're always on the latest version.

✔ Dynamic Load Balancing Management

Ideal for locations that require multiple EV charging points where the collective load may be greater than electricity supply. The DLB management feature ensures all charging facilities are available for use.



✔ Easy To Operate

Pheilix Technology provides training for operator customers. The OCPP1.6J platform designed in Manual Instruction for new users.

✔ No Upfront Costs

There are no hidden fees, unnecessary charging network membership, subscription or connection fees.

 **Secure Payment Platform**

For charge points that are set to operate on a pay-to-charge tariff, the user pays for the charge advertised on the app using secure Visa, MasterCard payment methods. The payment will arrive operators' bank accounts instantly.

Great Britain New Regulation 2021



Office for Product
Safety & Standards



Department for
Business, Energy
& Industrial Strategy

 **Integrated with Demand side Responding**

Pheilix Smart Platform integrated in the DSR's communication protocol and make the Charging points communicate with the Grid instantly.

 **Integrated with Default Off-peak Charging**

Pheilix Smart integrated the Default Off-peak Charging functions on the platform.

 **Integrated with Randomized Delay**

Pheilix Smart integrated the Randomized Delay functions on the platform.

 **Integrated with the Anti-Tamper function**

Pheilix Smart integrated the Anti-Tamper function on the platform. Once the enclosure is open, The device will alarm and send signals to the platform and message to users.

New Functions



Combined with Solar System Management and Monitoring

Pheilix Smart Platform integrated the Solar Inverter's communication protocol and make it possible to monitoring the solar system.



Combined with Battery Pack System Management and Monitoring

Pheilix Smart Platform integrated the Battery's BMS communication protocol and make it possible to monitoring the battery system.



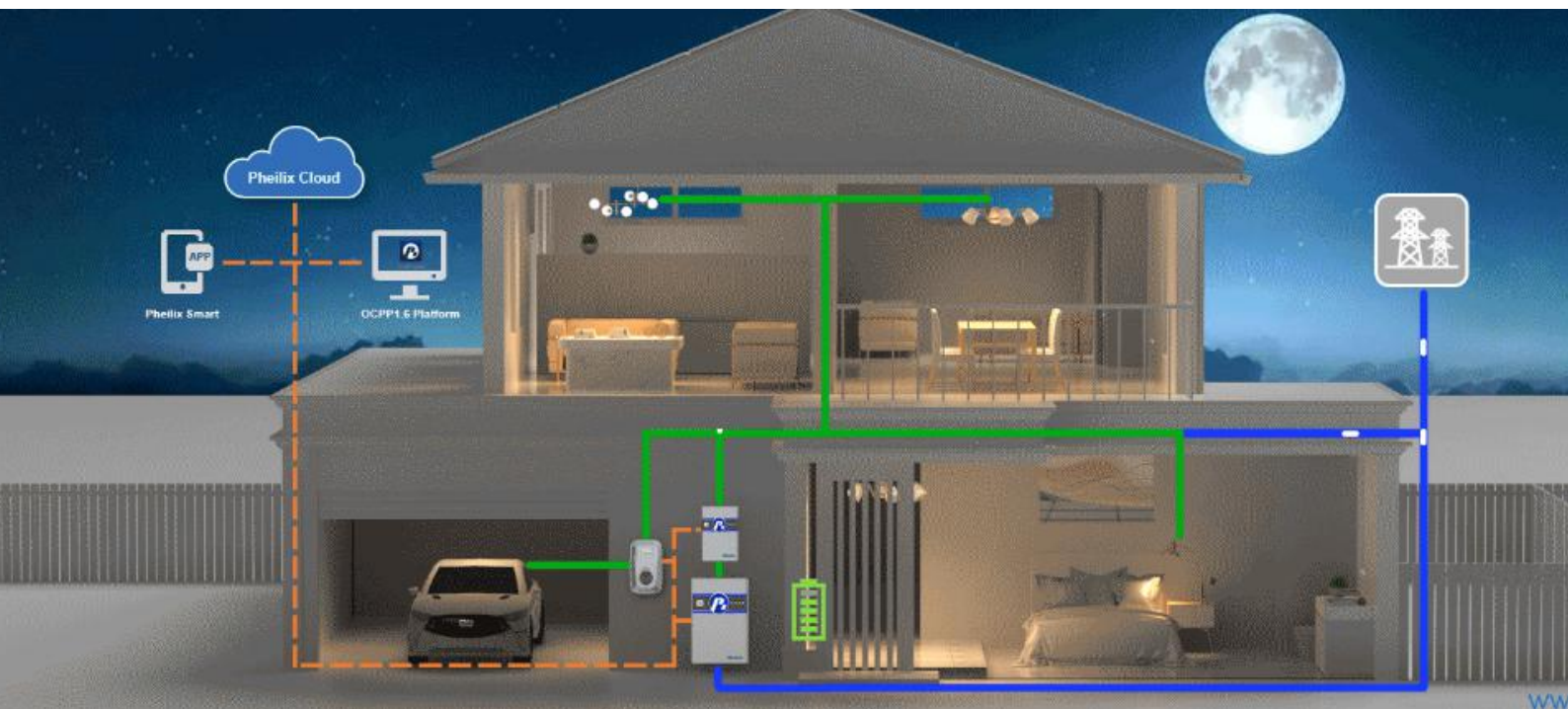
Combined with Smart Home System Management and Monitoring

Pheilix Smart Platform available to integrate the Smart home devices' communication protocol and make it possible to monitoring the whole Smart Home system.



Combined with Air-Source & Heating System Management and Monitoring

Pheilix Smart Platform available to integrate the Air-Source& Heating systems communication protocol and make it possible to monitoring the whole system.



Pheilix Smart

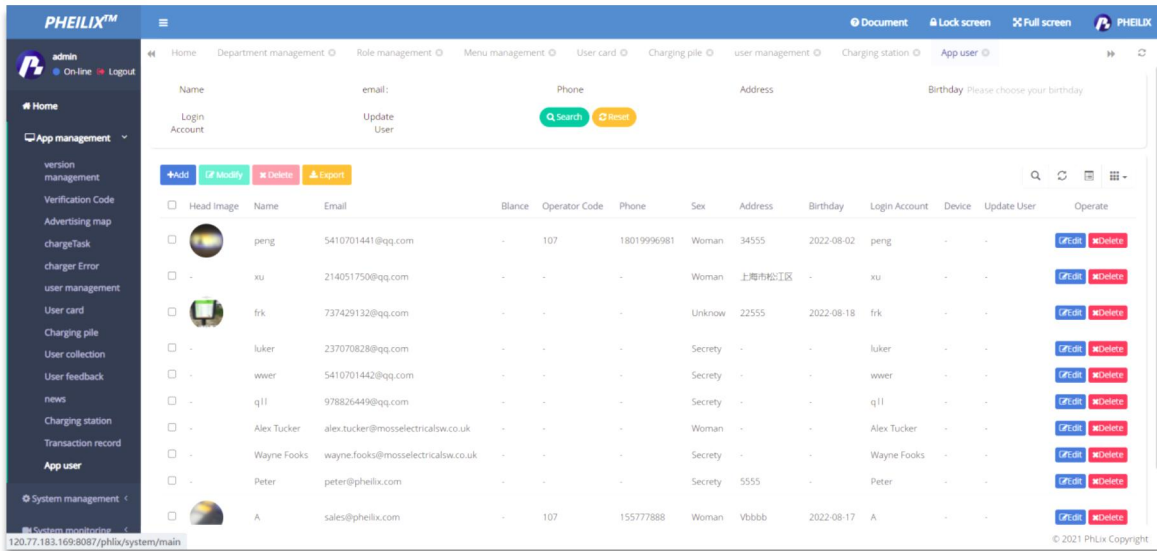
Customized Ios & Andriod System



Pheilix Smart

App Functions

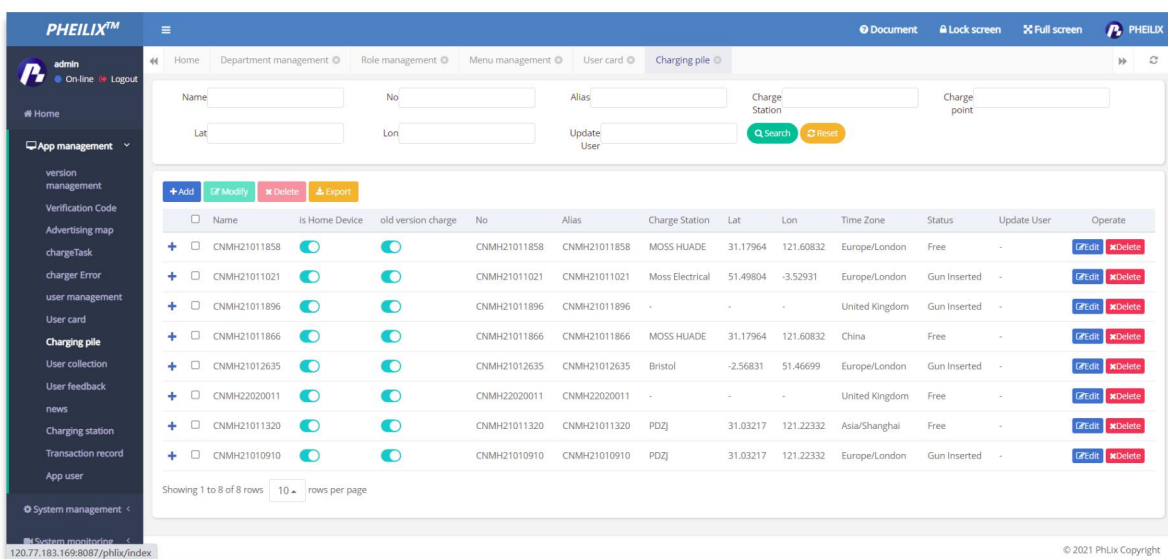
★ Independent App Web Management Account



The screenshot shows the 'App user' management page in the PHEILIX system. It features a search bar at the top with 'Search' and 'Reset' buttons. Below the search bar are buttons for '+Add', 'Modify', 'Delete', and 'Export'. The main content is a table of users with columns for Name, Email, Phone, Address, Birthday, Login Account, Device, and Operate. Each row has 'Credit' and 'Delete' buttons.

Name	email	Phone	Address	Birthday	Login Account	Device	Update User	Operate
peng	5410701441@qq.com	18019996981	34555	2022-08-02	peng	-	-	Credit Delete
xu	214051750@qq.com	-	上海市松江区	-	xu	-	-	Credit Delete
frk	737429132@qq.com	-	22555	2022-08-18	frk	-	-	Credit Delete
luker	237070828@qq.com	-	Secrety	-	luker	-	-	Credit Delete
wwer	5410701442@qq.com	-	Secrety	-	wwer	-	-	Credit Delete
qll	978826449@qq.com	-	Secrety	-	qll	-	-	Credit Delete
Alex Tucker	alex.tucker@moselectricalsw.co.uk	-	Woman	-	Alex Tucker	-	-	Credit Delete
Wayne Fooks	wayne.fooks@moselectricalsw.co.uk	-	Secrety	-	Wayne Fooks	-	-	Credit Delete
Peter	peter@pheilix.com	-	Secrety	5555	Peter	-	-	Credit Delete
A	sales@pheilix.com	107	15577888	Woman	Vbbbb	2022-08-17	A	Credit Delete

★ Un-limited Dividing to Sub-accounts

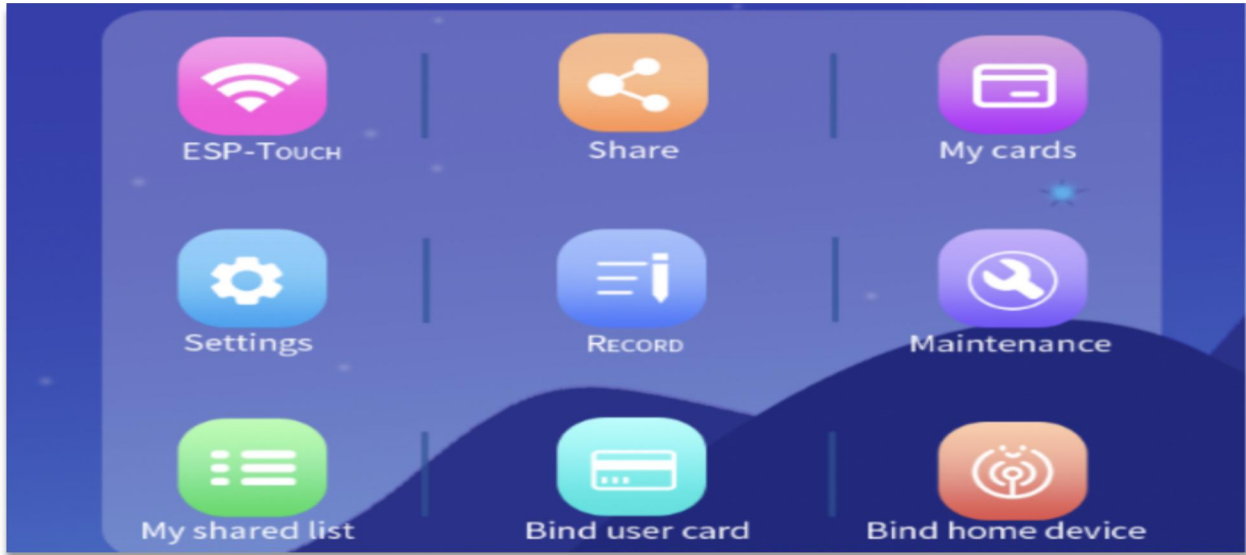


The screenshot shows the 'Charging pile' management page in the PHEILIX system. It includes search fields for Name, Alias, Charge Station, Lat, and Lon, along with 'Search' and 'Reset' buttons. Below the search bar are buttons for '+Add', 'Modify', 'Delete', and 'Export'. The main content is a table of charging piles with columns for Name, Is Home Device, old version charge, No, Alias, Charge Station, Lat, Lon, Time Zone, Status, Update User, and Operate. Each row has 'Credit' and 'Delete' buttons.

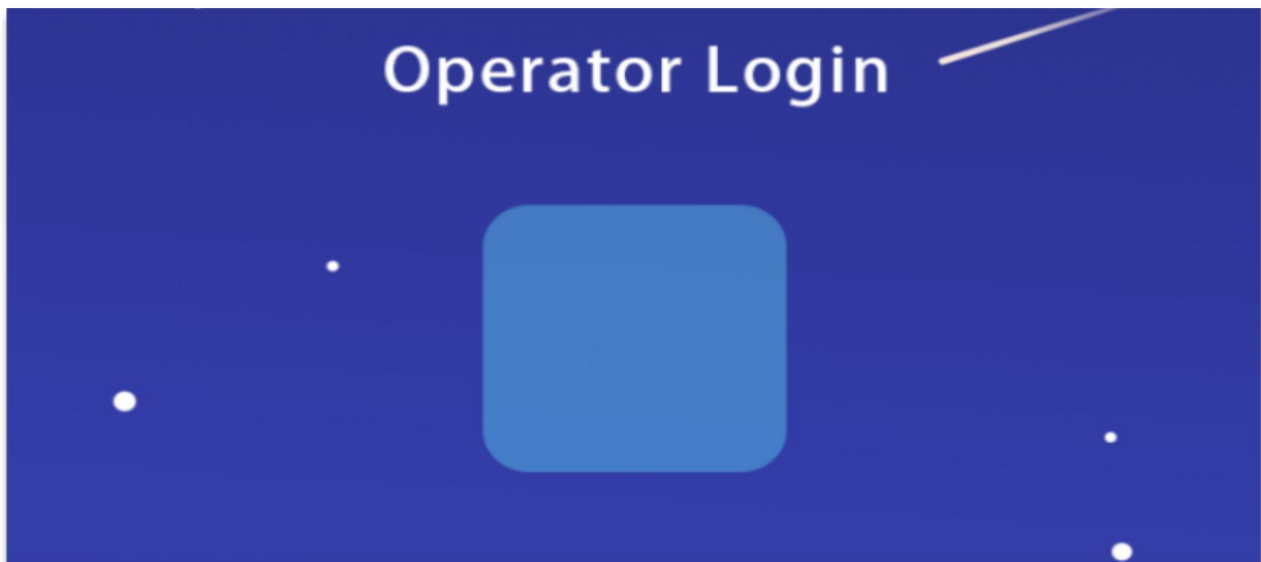
Name	Is Home Device	old version charge	No	Alias	Charge Station	Lat	Lon	Time Zone	Status	Update User	Operate
CNMH21011858	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CNMH21011858	CNMH21011858	MOSS HUADE	31.17964	121.60832	Europe/London	Free	-	Credit Delete
CNMH21011021	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CNMH21011021	CNMH21011021	Moss Electrical	51.49804	-3.52931	Europe/London	Gun Inserted	-	Credit Delete
CNMH21011896	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CNMH21011896	CNMH21011896	-	-	-	United Kingdom	Gun Inserted	-	Credit Delete
CNMH21011866	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CNMH21011866	CNMH21011866	MOSS HUADE	31.17964	121.60832	China	Free	-	Credit Delete
CNMH21012635	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CNMH21012635	CNMH21012635	Bristol	-2.56831	51.46699	Europe/London	Gun Inserted	-	Credit Delete
CNMH22020011	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CNMH22020011	CNMH22020011	-	-	-	United Kingdom	Free	-	Credit Delete
CNMH21011320	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CNMH21011320	CNMH21011320	PDZJ	31.03217	121.22332	Asia/Shanghai	Free	-	Credit Delete
CNMH21010910	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CNMH21010910	CNMH21010910	PDZJ	31.03217	121.22332	Europe/London	Gun Inserted	-	Credit Delete

App Functions

★ Commercial-use & Home-use All in One



★ Customized LOGO on App



★ Self-setting Brand Advertisement on App



★ Solar + Battery + EV Charging All-in-One App



The Pheilix Smart App Features

- **Locate & Navigate**

Easy to find and navigate to a chosen charging point

- **My Favourite**

Save your favourite charging locations for future

- **Charge Sessions**

View all of your current and past charging session information

- **Statistics & Analytics**

Understand your EV charging activity/ behaviour

- **Exportable Data**

Ideal for submitting your benefit-in-kind claims

- **Live Notifications**

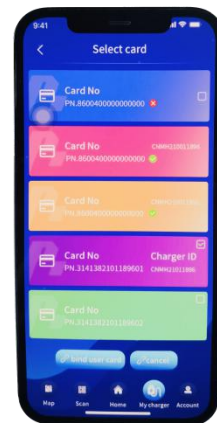
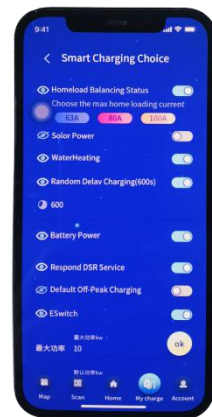
Receive charging session notifications and alerts

- **Virtual Wallet**
















Top-Up a virtual wallet which makes activating a charge much quicker

- **Multi Vehicle Access**

Multiple EVs can be added to a single registered account



Three Years Data Management Service List

	Essential	Premium
OZEV Grand Eligible		
WCS(Work Place charging Scheme)		
User Access		
Plug and Play Charging		
Mobile Phone App		
RFID Cards		
Host Management		
Un-limited Back- office Platform Access		
Charge Points Management Data		
Visibility of Your Entire Charge Points Network		
Real-time Historical and Analytical Feedback		
Customizable Tariffs		
Optional Revenue Streams		
Private, Public , Fleet Charging Options		
Exportable Usage ,Revenue and Benefit in kind Data		
Automatic Maintenance Response Notifications		
Electrical Load Management		
Solar Monitoring		TBA
Storage power monitoring		TBA

* PLEASE NOTE: The Pheilix Smart Essential management plan provides the host with an automated quarterly chargepoint consumption report as required in order to meet eligibility for the OZEV Workplace Charging Scheme Grant (WCS).

** All revenue will be subject to a **2-3%** payment processing fee from “Stripe Company” which will be deducted from the Host prior to payment of the agreed payment schedule.

Additional Cost

COMMISSIONING

A remote commissioning fee of £30 per unit is applicable on the premium data management plan.

Commissioning is to be carried out by the client’s appointed installer with support from a Pheilix Smart back-office representative via telephone, if required.

DC charge points may require on-site commissioning***







OPTIONAL LOAD MANAGEMENT

Additional costs apply which are determined by the installation / site’s specific requirement

OCPP1.6 Platform & App Service Pricing

3 Year OCPP1.6 Platform Essential Pricing Plan				
Unit Type	Description	Qty	Price(£)	Total(£)
1 Way Charging Unit	Essential Plan Data Management Fees (Per Socket)	1	50	50
2 Way Charging Unit	Essential Plan Data Management Fees (Per Socket)	2	50	100

3 Year OCPP1.6 Platform Premium Pricing Plan				
Unit Type	Description	Qty	Price(£)	Total(£)
1 Way Charging Unit	Essential Plan Data Management Fees (Per Socket)	1	135	135
	Remote Commissioning (Per Unit)	1	30	30
2 Way Charging Unit	Essential Plan Data Management Fees (Per Socket)	2	135	270
	Remote Commissioning (Per Unit)	1	30	30
New OCPP1.6 Platform Development	New OCPP1.6 Platform R & D	1	£ 100,000.00	
NewOCPP2.0 Platform Development	New OCPP2.0 Platform R & D	1	£ 150,000.00	

3 Year APP system Service Pricing Plan				
Unit Type	Description		Price(£) /3 Year	
Pheilix-Smart App System	Public	Customized Logo		£ 135.00/3 Year
		Customized Advertisement on App		
		Independent Web Management Account		
Customer's Own App System		Server Fee for Customer's App System		£ 9,000.00/3 Year
		Customer's App Maintenance and Service Fee		£12,000.00/3 Year
New-App Development (Ios & Android)		New Independent App System R&D		£ 25,000.00