



# Smart, Simple, and Safe

Home & Commercial  
Charging Solutions

[www.citaevcharger.co.uk](http://www.citaevcharger.co.uk)



A significant rise in the adoption of electric vehicles in the past few years has been witnessed worldwide. Increasing awareness and ongoing environment-friendly efforts across the globe is fuelling the growth of the electric vehicles market, which in turn, is driving the market of electric vehicle charging systems. Moreover, the technological advancements aimed at developing affordable charging solutions are likely to drive market growth.



Against this backdrop and in line with our corporate strategy growth, CITA has recently launched its new product range of e-Mobility solutions to answer the market's growing need for electric vehicle charging solutions. CITA EV is equipped to provide world-class solutions for charging for homes, businesses and cities alike.

CITA EV will be your trusted partner in helping you transition to sustainable mobility solutions.

We strive to help the process of transition smoothly by deploying our well-researched expertise on EV charging solutions by building a holistic EV infrastructure.

For CITA EV, sustainability means securing the company's long-term success while at the same time helping protect the environment for current and future generations. Hence the necessity to take up the challenges of innovation and to respond to market needs.

# Redefining EV Charging Solutions

CITA brings you Smart, Simple, and Safe home and commercial charging solution. CITA charging systems combine cutting-edge technology with compact design, managing the communication between you and charger via an easy-to-use App experience.



# Who we serve

Whether you are the owner of an electric vehicle, a commercial or retail business owner, there's a CITA Smart charging product solution for everyone.

CITA Smart can help you install electric vehicle chargers anywhere – commercial businesses, mixed-use developments, parking areas, hospitals, schools and universities. Our services will design the right solution for your application. We'll help you implement a resilient EV charging program that not only fits your space but also the

## Electric Vehicle Drivers, Workplaces and Fleets

For your business fleet or employees' private electric cars, businesses can make a statement about company values.

### Charge on the go

Our Smart EV Station app lets you find the nearest charging station to book your charging session ahead. You can pay for the service ahead of time with an automated invoicing system.

### Reduce Cost

Reduce Fleet Costs by renewing fleet with hybrid or electric cars/vans

### Evolve your workspace

With proper workplace charging implementation, employers can help increase the convenience and affordability of driving electric vehicles for their employees.

### Create a loyal customer base

The benefit to visitors make it easy for your visitors to re-charge when visiting you with best in class EV charging experience. This will be expected sooner than you may think.

### Sustainable Development Credentials

A low-cost investment to demonstrate that you are a forward-thinking company, conscious of the need to protect the world we live in.



## Residential

Your reliability on public charging points ends here now

### **Invest in a sustainable source**

Install the wall mountable CITA SMART EV Charger at your house, saving you time and become energy independent.

### **Charge at your convenience**

Electric vehicle owners who rely on the convenience of home charging are more incentivized than ever to purchase faster chargers that will get them back on the road faster.

### **Detailed charging insights**

With the CITA Connect Application, monitor your charging usage and track how much electricity is being used.

## Retail & Hospitality

Position your retail or hospitality business as accessible to any EV/Hybrid drivers. Convert your visitors into loyal customers.

### **Increase footfall**

EV drivers are more likely to visit retail and hospitality locations where their vehicles can get charged while they enjoy their dining or shopping experience.

### **Creating a new stream of revenue**

Accommodate EV drivers by installing CITA EV Charging points and create further opportunities for additional revenue. We give you control over usage prices, which you can use to set start or energy (kWh) tariffs and soon recover your initial investment!

### **Evolve your business**

CITA SMART EV Charging solutions help you make the right choice for environmentally friendly mobility, whether in your company, at the mall or at your home. We make charging electric vehicle easy, fast and efficient.



## Commercial Parking & Fleets

With the electric vehicle market projected to grow exponentially in the next decade, cities will continue to see an increased demand for EV charging stations at hotels, restaurants and shopping malls. The added amenity and demonstrated commitment to cleaner air could turn a passing visitor to a repeating customer.

### Creating a new stream of revenue

Accommodate EV drivers by installing CITA EV Charging points and create further opportunities for additional revenue. We give you control over usage prices, which you can use to set start or energy (kWh) tariffs and soon recover your initial investment!

### Take control of your power consumption

With the help of our real-time Active and Dynamic Load Balancing, you can stop worrying about your power distribution, prevent overcapacity, and maintain safe and efficient charging at all times, without affecting any of your other appliances!

### Detailed charging insights

We offer real-time and historical insights into charging sessions drilled down to per user, station, location, and time. Plus, export detailed reports to help you make data-driven business decisions.

### We got your back

We take care of the installation, management, invoicing, and the technical support altogether with the help of our cloud system and a professional e-mobility partner in your region.





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MODEL S

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# Products

## CITA Smart 7

Creating a sustainable future for all. Smart 7 charger is a compact and high-performance charging solution perfect for the everyday electric vehicle driver. Smart 7 comes with maximum power up to 7.2 kW for single-phase installation and comes with an integrated type 2 cable.



Efficient Charging



CITA Smart EV App Operation via WiFi/4G/Ethernet



1.4kW - 7.2kW Power Range



RFID Access



Compatible with all Type 2 Charging Cables



Solar PV Compatibility with CT clamp

## Technical Aspects

Charging Capacity	Up to 7.2kW at 32A, 230VAC+/-10%
Charging Socket	IEC 62196 Type 2, IP54 hinged lid, locking
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Standard communication	WiFi 2.4 GHz
Optional communication	4G, Ethernet
Solar PV Compatibility	Optional, with 2nd external CT clamp
6mA DC Trip	Integrated
IP Rating	IP54
Mounting	On a wall or on a pole
Housing Material	High impact plastic
Operating Temperature	- 30~ + 50°C
Dimension (WxHxD)	300mm x 300mm x 130mm



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# CITA Smart 11

CITA Smart 11 charger is a compact and high-performance home & workplace charging solution. Smart 11 comes with maximum power up to 11 kW for three-phase installation and an integrated type 2 socket. Smart 11's compact housing design is less than 12-inch that operates in an extreme environment such as -30°C ice and snow season or 55°C hot and direct sunshine.

Smart 11 connects with CITA Connect App via WiFi and Bluetooth to provide you with real-time operation, charging insights and automatic power adjustment with dynamic load balancing.



Efficient Charging



CITA Smart EV App Operation



11kW Power Range



RFID Access and Mobile Payments



Compatible with all EVs



Solar PV Compatibility with CT clamp

## Technical Aspects

Charging Capacity	Up to 11kW at 16A, 400V±10% AC
Charging Socket	IEC 62196 Type 2, IP54 hinged lid, locking
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Standard communication	WiFi 2.4 GHz
Optional communication	4G, Ethernet
Solar PV Compatibility	Optional, with 2nd external CT clamp
6mA DC Trip	Integrated
IP Rating	IP54
Mounting	On a wall or on a pole
Housing Material	High impact plastic
Operating Temperature	- 30~ + 50°C
Dimension (WxHxD)	300mm x 300mm x 130mm



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# CITA Smart 22

CITA Smart 22 commercial charger provides fast charging to an electric vehicle equipped with a three-phase on-board charger. CITA Smart 22 designed with a type 2 charging socket, that is compatible with either type 1 or type 2 cable. Compliant with the industrial standards, the charger uses MID certified meter to ensure accuracy and built-in RCD to secure the safety.

CITA Smart 22 can be connected to a charging network with the help of CITA Smart gateway. Multiple public chargers in one location can be integrated into the network with only one Internet communication connection. CITA Smart 22 is built for an extreme environment such as -30°C ice and snow season or 55°C hot and direct sunshine.



Efficient Charging



CITA Smart EV App Operation



22kW Power Range



RFID Access and  
Mobile Payments



Compatible with all EVs



Easy installation and  
maintenance

## Technical Aspects

Charging Capacity	Up to 22kW at 16A, 400V±10% AC
Charging Socket	IEC 62196 Type 2, IP54 hinged lid, locking
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Standard communication	WiFi 2.4 GHz
Optional communication	4G, Ethernet
Solar PV Compatibility	Optional, with 2nd external CT clamp
6mA DC Trip	Integrated
IP Rating	IP54
Mounting	On a wall or on a pole
Housing Material	High impact plastic
Operating Temperature	- 30~ + 50°C
Dimension (WxHxD)	340mm x 352mm x 130mm



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# CITA Smart 44

CITA Smart 44 commercial charger is designed to have outputs, which can charge two electric vehicles simultaneously. Compliant with the industrial standards, the charger uses MID certified meter to ensure accuracy and built-in RCD to secure safety.

The 44kW AC output supporting commercial vehicles, public transport and TAXI for superfast charging. The charger can be connected to a charging network with the help of CITA Smart gateway. Multiple public chargers in one location can be integrated into the network with only one internet communication connection. CITA Smart 44 is built for an extreme environment such as -30°C ice and snow season or 55°C hot and direct sunshine.



Efficient Charging



CITA Smart EV App Operation



2x22kW Power Range



RFID Access and  
Mobile Payments



Compatible with all  
Type 2 Charging Cables



Easy installation and  
maintenance

## Technical Aspects

Charging Capacity	2X22kW
Charging Socket	2XIEC 62196 Type 2, IP54 hinged lid, locking
Charging Mode	Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Network communication	WiFi 2.4 GHz, 4G, Ethernet
Solar PV Compatibility	Optional, with 2nd external CT clamp
6mA DC Trip	Integrated
IP Rating	IP54
Mounting	Floor-Stand
Housing Material	Galvanized steel
Operating Temperature	- 30~ + 50°C
Dimension (WxHxD)	290mm x 230mm x 1200mm



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# CITA Smart 60 DC

CITA Smart 60 DC is a fast, efficient and reliable charger meeting the highest standards for new electric vehicle charging. Its modular design allows you to charge up to three electric vehicles simultaneously up to 60kW output. It comes with dual or triple charging connectors, including one AC connector: Type 2, up to 43kW, and Two DC connectors: CCS1/CCS2 and CHAdeMO up to 60kW. (Connector requirements need to be specified upon placing the order)

It connects intelligently with Ethernet/4G/Wi-Fi. It can be operated with a commercial mobile application supporting Apple Pay, Google Pay and other leading Credit Card payment methods. You can also command it with RFID authentication. It also comes with a MID certified AC meter and PTB certified DC meter. CITA



Efficient Charging



CITA Smart EV App Operation via WiFi/4G/Ethernet



Up to 60kW Power Range



RFID Access and Mobile Payments



Compatible with Type 2, CCS1/CCS2 and CHAdeMO



Easy installation and maintenance

## Technical Aspects

Output Voltage	400~1000V DC
Maximum Current	150A
Charging Capacity	60kW
Charging Socket	DC 1 x CCS2 and 1 x CHAdeMO (alternatively 2 x CCS2) Optional: AC Type 2 socket
Cable Length	5M
Network communication	WiFi 2.4 GHz, 4G, Ethernet
Solar PV Compatibility	Optional, with 2nd external CT clamp
6mA DC Trip	Integrated
Energy Meter	PTB certified for CHAdeMO & CCS2 MID certified for Type 2 cable
IP Rating	IP54, Optional upgrade to IP65
Mounting	Floor-stand
Housing Material	Galvanized steel
Operating Temperature	- 30~ + 55°C
Dimension (WxHxD)	900*525*2000mm (W*D*H)



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# CITA Smart 120 DC

CITA Smart 120 DC is a fast, efficient and reliable charger meeting the highest standards for new electric vehicle charging. Its modular design allows you to charge up to three electric vehicles simultaneously up to 120kW output. It comes with dual or triple charging connectors, including one AC connector: Type 2, up to 43kW, and Two DC connectors: CCS1/CCS2 and CHAdeMO up to 120kW. (Connector requirements need to be specified upon placing the order)

It connects intelligently with Ethernet/4G/Wi-Fi. It can be operated with a commercial mobile application supporting Apple Pay, Google Pay and other leading Credit Card payment methods. You can also command it with RFID authentication. It also comes with a MID certified AC meter and PTB certified DC meter. CITA



Efficient Charging



CITA Smart EV App Operation via WiFi/4G/Ethernet



Up to 120kW Power Range



RFID Access and Mobile Payments



Two CCS2 DC connectors for simultaneously charging



Easy installation and maintenance

## Technical Aspects

Output Voltage	400~1000V DC
Maximum Current	300A
Charging Capacity	120kW
Charging Socket	DC 1 x CCS2 and 1 x CHAdeMO (alternatively 2 x CCS2) Optional: AC Type 2 socket
Cable Length	5M
Network Communication	WiFi 2.4 GHz, 4G, Ethernet
Solar PV Compatibility	Optional, with 2nd external CT clamp
6mA DC Trip	Integrated
Energy Meter	PTB certified
IP Rating	IP54, Optional upgrade to IP65
Mounting	Floor-Stand
Housing Material	Galvanized steel
Operating Temperature	- 30~ + 55°C
Product Dimension (WxHxD)	900*525*2000mm (W*D*H)



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# CITA Smart 150 DC

CITA Smart 150 DC is a fast, efficient and reliable charger meeting the highest standards for new electric vehicle charging. Its modular design allows you to charge up to three electric vehicles simultaneously up to 150kW output. It comes with dual or triple charging connectors, including one AC connector: Type 2, up to 150kW, and Two DC connectors: CCS1/CCS2 and CHAdeMO up to 60kW. (Connector requirements need to be specified upon placing the order)

It connects intelligently with Ethernet/4G/Wi-Fi. It can be operated with a commercial mobile application supporting Apple Pay, Google Pay and other leading Credit Card payment methods. You can also command it with RFID authentication. It also comes with a MID certified AC meter and PTB certified DC meter. CITA



Efficient Charging



CITA Smart EV App Operation  
via WiFi/4G/Ethernet



Up to 150kW Power Range



RFID Access and  
Mobile Payments



Two CCS2 DC connectors for  
simultaneously charging



Easy installation and  
maintenance

## Technical Aspects

Output Voltage	400~1000V DC
Maximum Current	375A
Charging Capacity	150kW
Charging Socket	DC 1 x CCS2 and 1 x CHAdeMO (alternatively 2 x CCS2) Optional: AC Type 2 socket
Cable Length	5M
Network Communication	WiFi 2.4 GHz, 4G, Ethernet
Solar PV Compatibility	Optional, with 2nd external CT clamp
6mA DC Trip	Integrated
Energy Meter	PTB certified
IP Rating	IP54, Optional upgrade to IP65
Mounting	Floor-Stand
Housing Material	Galvanized steel
Operating Temperature	- 30~ + 55°C
Product Dimension (WxHxD)	900*525*2000mm (W*D*H)

# CITA Smart EV Connect App

You are powered by a smart application to manage all your CITA Smart 7 & 11 EV Charger monitoring and settings from your iOS or Android mobile phone.



- Realtime operation with current control according to your needs
- View real-time charging history, consumption and savings
- Smart and schedule charging feature
- Charging insights with analytics



# CITA Smart EV Station App

CITA Smart EV Station is a simple yet intelligent platform for EV drivers. Using our app, drivers can find CITA Smart charging stations at the most convenient time and location and pay for services online after each session.

## Book your parking session in no time



Find nearest CITA EV charging station



Select the correct vehicle



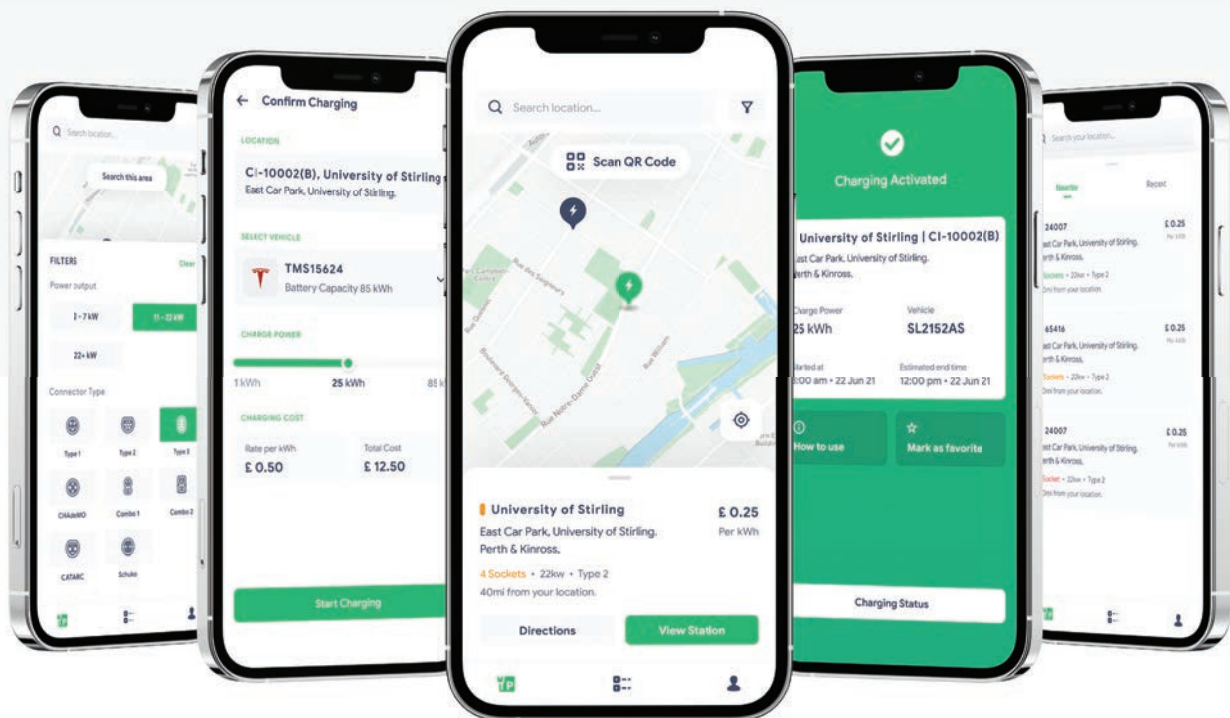
Select desired charge capacity



Check your payment method

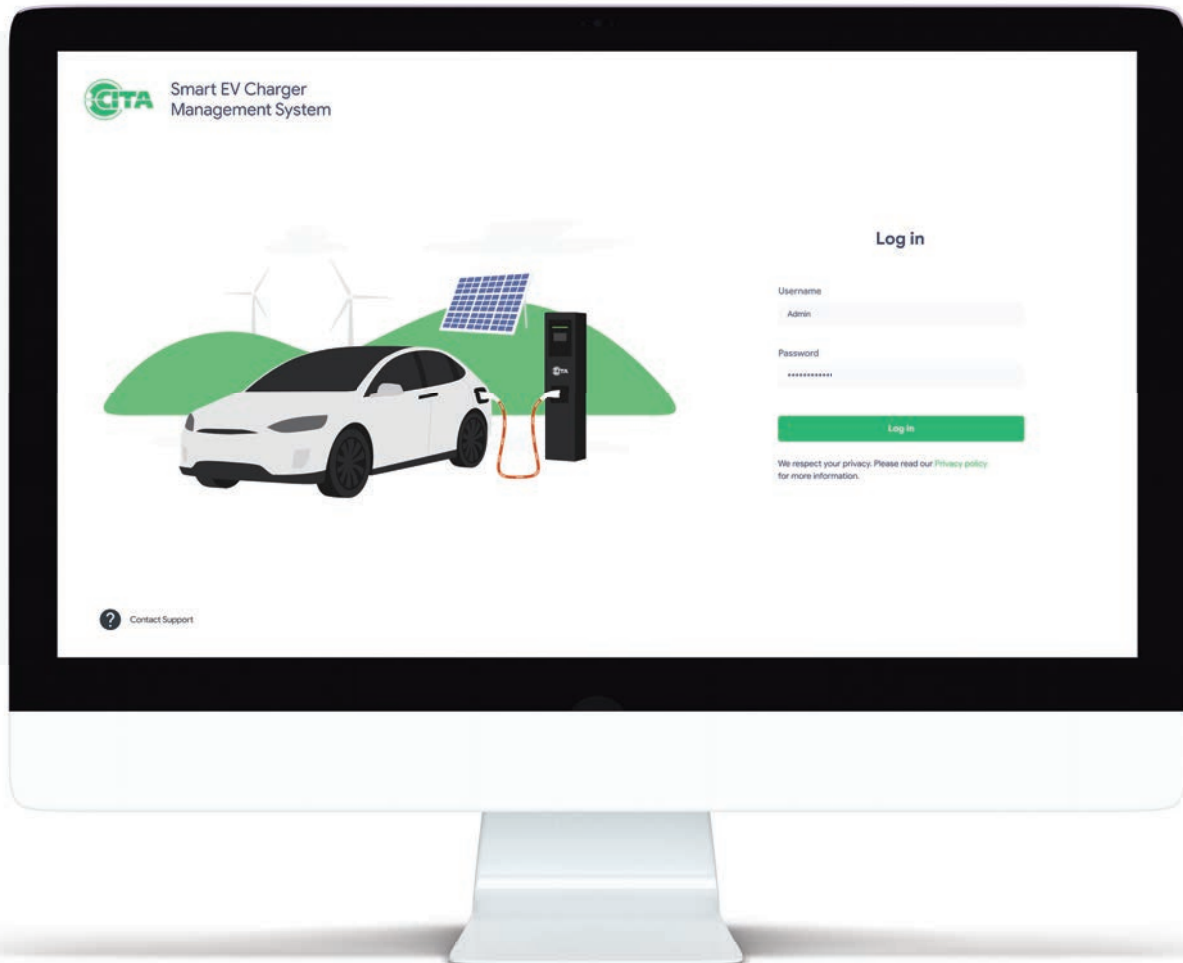


Start charging your vehicle!



# CITA Charger Management System

CITA charger management system software lets you track, manage and optimize CITA Smart commercial chargers from wherever and whenever you please.



## Easy & Smart Management

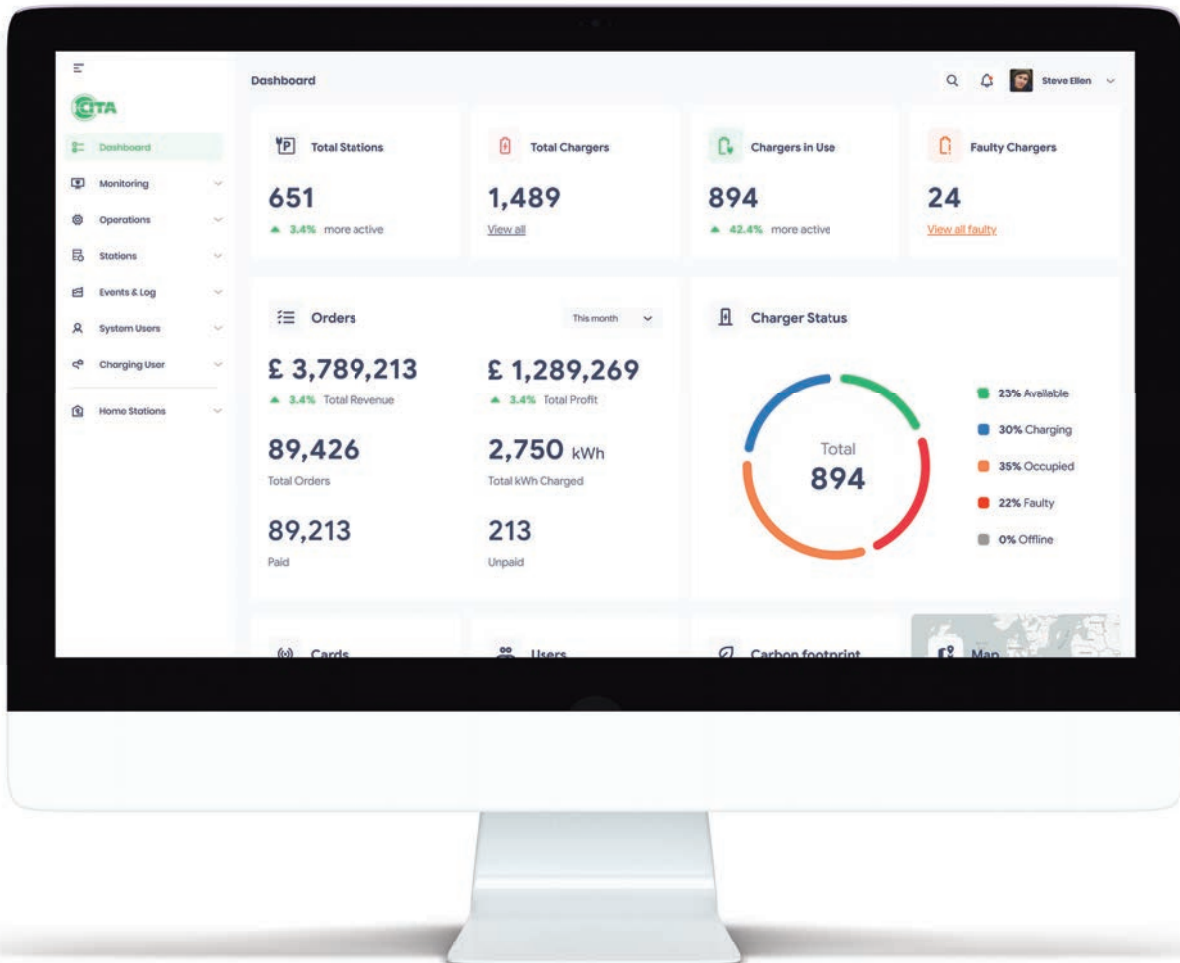
You can manage multiple chargers, charging stations, and transactions from a simple to use cloud platform.

## Analytics of your Business Growth

Get real-time insights into charging transactions and behaviour (e.g. kWh captured, duration) per user, station, location, and time. You can also observe active charging sessions and export detailed reports.

## Simple Invoicing System

Automate the invoicing and reimbursement of charging costs with multiple stakeholders and generate hassle-free income by setting fees for your charging station users.



### Smart Load Management

Control the power rate of your chargers, utilising as much of the sites' energy supply as possible. Remove the need for expensive power upgrades and ensure all vehicles are charged safely.

### Limitless Station Management

Convenient station management with unlimited number of charging stations, transactions, and users from a single interface with ease and efficiency.

### Set your own Charging Fees

Set charging fee based on kWh consumed by the user and receive instant revenue straight into your account.



Green living and green driving go hand in hand  
as part of a modern sustainable lifestyle.

**Do your bit to reduce  
the planet's carbon footprint!**





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