EVIE™
EV CHARGE

Electric Vehicle Charging

INTRODUCING THE NEW EVIE CHARGER.

- Smart Charge Point Regulations, 2021 Compliant
- OZEV Approved
- Earth Rod not required

Twin 22kW 2x32A Three Phase - Product Catalogue

EVCTP22232SRF - Black

EVIE Smart Charge Point

Product Code: EVIEEVCTP22232SRF
Three Phase, 380V, Twin, 22KW, 32A, Socket
Smart Wi-Fi App Monitoring

EVIE
™
EV CHARGE

Introducing the new EVIE Charger

After 5 years of extensive Research & Development, two industry-leading companies based in the UK and Far East have joined forces.

Moss Electrical and Pheilix Technology are excited to announce the launch of their EVIE Twin 22KW Smart Charge Point into the UK.

Our EVIE Smart Charge Point has been designed to provide users with the perfect EV charging solution for commercial spaces.

All users can control EVIE using their mobile phone, allowing them to monitor all their charging activity. The charge point can also be activated manually via RFID cards.

Unit Shown: EVIEEVCTP22232SRF

APPROVED
Office for
Zero Emission
Vehicles

Product Main Features

Easy to Install	Mobile Phone Operated	SMART Integration	IK10 Impact Resistant	Flame Retardant	RFID Function
IP55 Weather Proof	Analytical Feedback	Additional Cables Available (Type 2)	Strong & Durable	Open Charge Point Protocol	LCD Screen

Smart Charge Point Regulations, 2021

These are requirements that all private charge points should meet (domestic or workplace). Below are the main components of the set guidelines:

- Smart Functionality
- State of art software
- Communications
- Charge Point Security
- Compliance Documentation
- Default Charging Hours
- Randomised Delay

Features & Benefits

- OZEV grant approved (Residents in flats and rental properties, Landlords and Housing Associations & Apartment Block Owners, Small Accommodation Businesses, Commercially Let Property Owners & Small to Medium Business Enterprises)
- Input Voltage 380volts, 2X 32amp
- Type A RCD +6mA DC - Provides a stable and reliable protection both for EV battery life and user's safety. Prevents DC leakage offering further protection for the unit
- Built in independent MID Meter and Type A Residual Current Monitoring Module for Earth Protection
- Dynamic Load Balance Monitoring, Solar Power Monitoring and Battery Monitoring available
- Type 2 connection, Mode 3 charging
- Ready to install with standard wall bracket and fixings
- Ground Mount Stand (Optional)
- Ethernet Interface
- Emergency Stop Button
- Anti Tamper Monitoring
- 3-year Manufacturer Guarantee
- Internet Payment by Credit/ Debit Card or via Pre-Paid RFID Card
- Security Keys and Lock

Office for Zero Emission Vehicles | UKCA | CB | TÜV

Compliant with British Standards

- Smart Functionality, including OCPP1.6J, default off-peak and randomised delay (private domestic/ workplace).
- Electricity supplier interoperability.
- Extra safety provisions.
- Cyber Security Standard ETSI EN 303 645
- Electromagnetic compatibility directive 2014/30/EU
- Low voltage directive 2014/35/EU
- British Standards Compliance : BSEN61851-1:2019
- ESD Compliance : IEC 60950
- Safety Compliance : IEC 61851-1:2019,IEC61851-22, IEC 62196-1:2003, BS7671:2018/Amendment 1:2020

Pheilix Smart APP

Full control over your charge point.

- Charging Statistics on kWh, Status, Carbon Intensity, Sulphur Dioxide, Dust Emission
- Internet Payment Method by Credit/ Debit Card or via Pre-Paid RFID Card
- Charging Status
- Start or Stop Charges
- Anti-Tamper Alarm notification
- Authorise other users
- Default Off-Peak Charging (private domestic/ workplace)
- Randomised Delay (private domestic/ workplace)

RFID Cards

- Bind cards using the 'Pheilix Smart APP'
- Initiate a charge by tapping the card against the RFID reader
- Additional Security Feature
- Supplied with 3x RFID cards as standard
- Additional Cards can be supplied

Download the Pheilix Smart APP

Our "PHEILIX Smart APP" can be found in the Apple Store or Google play. Type "PHEILIX Smart" in to your search.

Average Charging Time			
Car Model	Battery Size	Av. EVIE Charging Time	Av. Charging Cost
Nissan Leaf	40kWh	6hrs	£11.20
Audi Q4	85kWh	5hrs	£23.80

*Based on 28p per kWh. Nissan Leaf 40kWh, 143 miles and Audi Q4 e-Tron 40 S Line 82kWh Auto
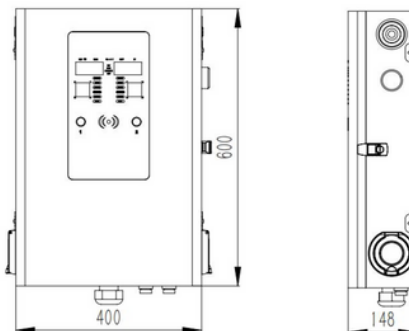
Did you know?

22kW Three Phase Charge Points are over 50% faster than 7.2kW Single Phase Charge Points

Dimensions

Technical Information

Performance

Housing Case	Stainless Steel
Mounting Location	Outdoor/ Indoor (Permanent)
Charging Model	Model 3 (IEC61851-1)
Charging Interface Type	IEC62196-2 Type 2 Socket
Charging Current	32A
Local Internet Connection	RJ45 Interface
Display	RGB Led indicator + LED Screen
Operation	App Monitoring + RFID Cards
IP Grade	IP55
Operation Temperature	-30°C ~ +55°C
Operation Humidity	5% ~ 95% without condensation
Operation Attitude	<2000m
Cooling Method	Natural air cooling
Enclosure Dimensions	600x400x150mm

Gross Weight	20KG

Input & Output

Input Voltage	380Vac±10%
Input Frequency	50Hz
Output Power	2x22kW
Output Voltage	380Vac
Output Current	32A
Standby Power Consumption	3w

Specifications

Specifications	
Earth Leakage Protection Type A RCD +6mA DC	√
PEN Protection as standard	√
No Earth Rod Required as standard	√
Independent AC Contactor	√
Independent MID Meter as standard	√
Solenoid Locking Mechanism	√
Emergency Stop Button	√
Default Off-Peak Charge App Monitoring	√ (Private or Domestic)
Randomised Delay	√ (Private or Domestic)
Respond of DSR Service App Monitoring	√ (Private or Domestic)

Security Protections

Security Protections	
No Earth Rod Required	√
PEN/PME Fault Protection	√
Over-voltage Protection	√
Under-voltage Protection	√
Overload Protection	√
Over Current Protection	√
Short Circuit Protection	√
Earth Leakage Protection (Pure DC Type A RCD +6mA)	√
Ground Protection	√
Over Temperature Protection	√
Anti-Tamper Alarming	√

Software & Communications

Software & Communications	
OCPP1.6 Protocol Management Platform	√
iOS & Android App System	√
Ethernet/RJ45 Connection Interface as standard	√
WIFI Connectivity as standard	√
RFID functionality for off-line as standard	√
Smart charge App Monitoring	√
Default Off-peak Charge App Monitoring	√
Random Delay App Monitoring	√
Respond of DSR Service App Monitoring	Optional

Mounting Accessories

Mounting Accessories	
Wall Mounting Bracket	Included
Ground Mounting Pole (1500*230)	Optional

OCPP1.6J Cloud Platform

Utilising OCPP1.6J on your 7.2kW EVIE Charge Point.

- **Dynamic Load Balancing Management**

- **Earn money from your charge point and decide what you earn per kWh or transaction**

- **Offer a free charge via RFID or use as pre-payment method**

- **Manage your charge point online**

- **Add your charge point to Zap-Map**

Providing businesses, organisations and similar with the ability to deploy and self manage their very own EV charging network.
This unique platform provides an independent back-end management account for operators. Features including Live monitoring of charge point network including charging sessions, socket activity, tariffs, billing configuration and much more.

Generate revenue by charging your guests to use your EV charger.
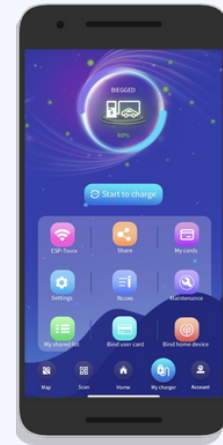
Payment Feature - Steps

Host

- Create a Stripe Account.
- Discuss requirements with EVIE.
- EVIE create platform.
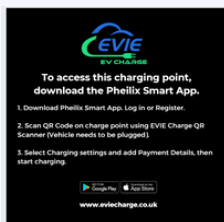- Add Payment Feature on Charge Point.

Guest

- Download Pheilix Smart App.
- Create an Account.
- Add Payment Option.
- Scan QR Code
- Start Charging

ANDROID APP ON Google play

Download on the App Store

Pheilix Smart

EVIE Extras

Payment Sticker

Main Features
- Vinyl Sticker
- Advise steps for payment method via App

OCPP1.6J Cloud Platform

Main Features
- Manage your charge point online
- Earn revenue

Extra RFID Cards

Main Features
- Unlimited amount of extra cards
- Use as pre-payment cards

Charge Point Vinyl Wrap

Main Features
- Customer Branding
- Vinyl Wrap
- Choose from any colour

EVIE Type 2 Cable

Main Features
- Type 2 to Type 2
- Single phase, 7.2KW, 32A
- Cable length: 5M
- Protection grade: IP55

EVIE Ground Mounting Pole

Main Features
- Unit dimensions (L*W*D): 1500*330*160mm

EVIE Portable Charger

Main Features
- Type 2 with British power plug
- Single phase, 13A
- User-friendly interface (Intuitive HMI with LED indicators)
- Robust and durable (IP65 rating)
- Cable length: 5m

Contact Us

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