

# EV CHARGER

## PQ-IM3C

- Up to 19.2kW/80A of charging capacity.
- For personal use & commercial operation.
- Simple Charging: RFID cards & APP adjustable from 6A to rated current.
- Multiple charging management through Bluetooth / WIFI / APP
- Can be installed by wall mounting and floor mounting with charging post.



### EV CHARGER

|                          |                       |              |              |              |
|--------------------------|-----------------------|--------------|--------------|--------------|
| <b>Model</b>             | PQ-IM3C               |              |              |              |
| <b>Rated Power</b>       | 10kW / 40A            | 11.5kW / 48A | 15.6kW / 65A | 19.2kW / 80A |
| <b>Input Voltage (v)</b> | 240VAC (Level 2)      |              |              |              |
| <b>Dimensions (mm)</b>   | H:404 x W:284 x D:146 |              |              |              |

### STANDARDS & CERTIFICATIONS



|                       |                          |
|-----------------------|--------------------------|
| <b>Standards</b>      | UL2594, NEC 625          |
| <b>Certifications</b> | cETLus, FCC, Energy Star |

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## SAFE & SMART CHARGING



- ▶ **RFID Card:** Simple swipe the RFID card to start and stop charging easily. One charger can support multiple authorized RFID cards, allowing you to manage your users securely and conveniently.



- ▶ **Certification:** cETLus, FCC, Energy Star



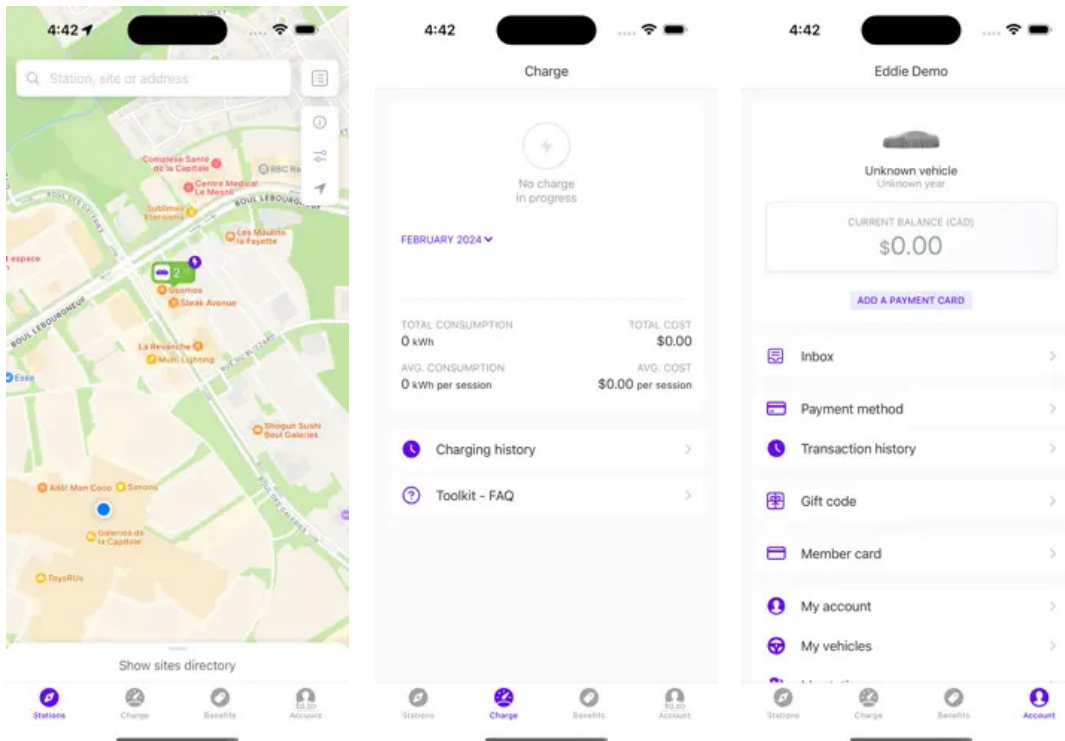
- ▶ **EDDIE APP:** Eddie charging app is user friendly with different languages and support Apple and Android system.

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## EV CHARGING MADE EASY

### ▶ Eddie – Your Electric Charging Companion on the Road and at Home



### Key Features:

- **Extended Network of Charging Stations:** Access a vast network of on-the-go and destination charging stations, including fast chargers. Benefit from our agreements with major Canadian networks.
- **Charging at Work and at Home:** Seamlessly integrate your vehicle’s charging into your daily routine with our office and multi-dwelling solutions, managed by our intelligent charging platform.
- **Smart Travel Planning:** Plan your trips with optimized charging breaks to save time and maximize your range.
- **Simplified Management:** Track your consumption, manage your charging options, and make payments through an intuitive and secure interface.
- **24/7 Support:** Our dedicated team offers you a hassle-free charging experience.

# EV CHARGER

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## SPECIFICATIONS

### BASIC INFO

|                                 |   |              |               |               |
|---------------------------------|---|--------------|---------------|---------------|
| <b>Model</b>                    | PQ-IM3C   |              |               |               |
| <b>Power</b>                    | 10kW / 40A  | 11.5kW / 48A | 15.6 kW / 65A | 19.2 kW / 80A |
| <b>Charging connector</b>       | SAEJ1772 (Type 1)                                 |              |               |               |
| <b>Indicator</b>                | Multi-color LED indicate light                    |              |               |               |
| <b>Display</b>                  | 4.3-inch LCD touch screen                         |              |               |               |
| <b>Dimensions (HxWxD) en mm</b> | 404 x 284 x 146                                   |              |               |               |
| <b>Charging control</b>         | Remote: "APP-controlled" Local: "Card-controlled" |              |               |               |

### FEATURES

|   |                      |
|---|----------------------|
| <b>Remote communication interface 1#</b>            | WIFI (2.4GHz)        |
| <b>Remote communication interface 2#</b>            | Ethernet (via RJ-45) |
| <b>Remote communication interface 3# (Optional)</b> | 4G                   |
| <b>OCPP</b>   | OCPP 1.6J            |
| <b>APP</b>  | Yes                  |
| <b>Local communication interface 1#</b>             | Bluetooth            |
| <b>Local communication interface 2#</b>             | RS-485               |
| <b>Power sharing</b>                                | Yes                  |

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## SPECIFICATIONS

### SAFETY

|                                 |               |
|---------------------------------|---------------|
| Enclosure rated                 | Type 4 / IP65 |
| Earth leakage protection        | Yes, CCID 20  |
| Over load protection            | Yes           |
| Over / under voltage protection | Yes           |
| Short circuit protection        | Yes           |
| Ground protection               | Yes           |
| Surge protection                | Yes           |
| Over temperature                | Yes           |

### ENVIRONMENT

|                       |  |
|-----------------------|--|
| Installation          | Wall / Pole mounted                    |
| Storage temperature   | -40°C to 75°C                          |
| Operation temperature | -30°C to 50°C                          |
| Operation humidity    | ≤95% RH, No water droplet condensation |
| Operation altitude    | ≤2000m                                 |

### STANDARDS & CERTIFICATIONS

|                |                          |
|----------------|--------------------------|
| Standards      | UL2594, NEC 625          |
| Certifications | cETLus, FCC, Energy Star |

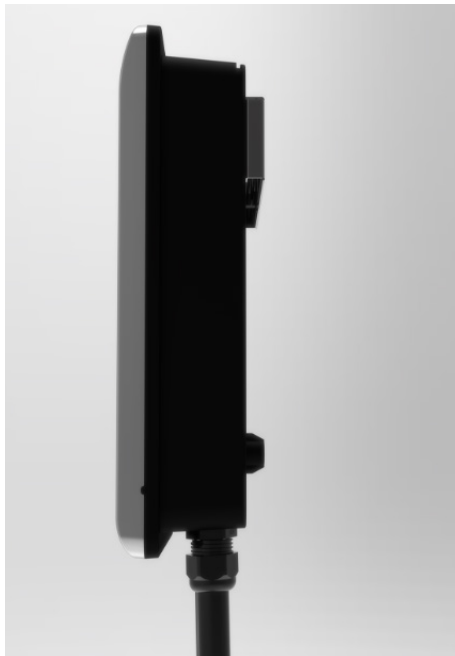
# EV CHARGER

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## DIMENSIONS



Side View



Back View



# EV CHARGER

PQ-IM3C

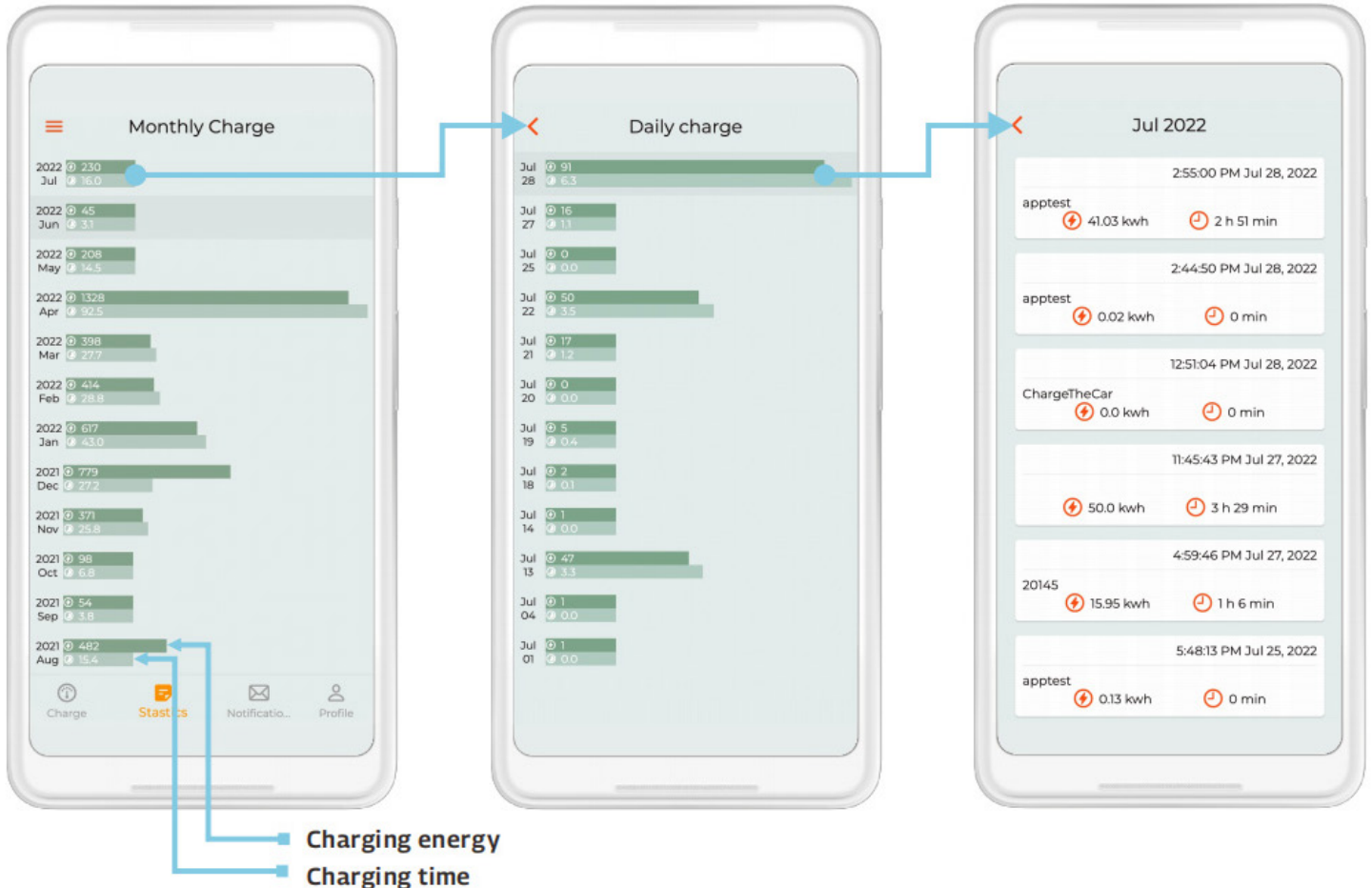
## THE ENERGY METERS

### Main Features:

Energy meters for electric vehicle (EV) charging stations are essential tools for monitoring electricity consumption associated with EV charging. These meters accurately measure the amount of energy consumed by each vehicle during charging, which is essential for efficient energy management and user billing.

By closely monitoring the energy consumption of charging stations, operators can optimize the use of electrical resources, reduce energy costs, and minimize carbon footprint. Additionally, these meters can help balance electrical load and avoid demand peaks, which contributes to maintaining the stability of the electrical grid.

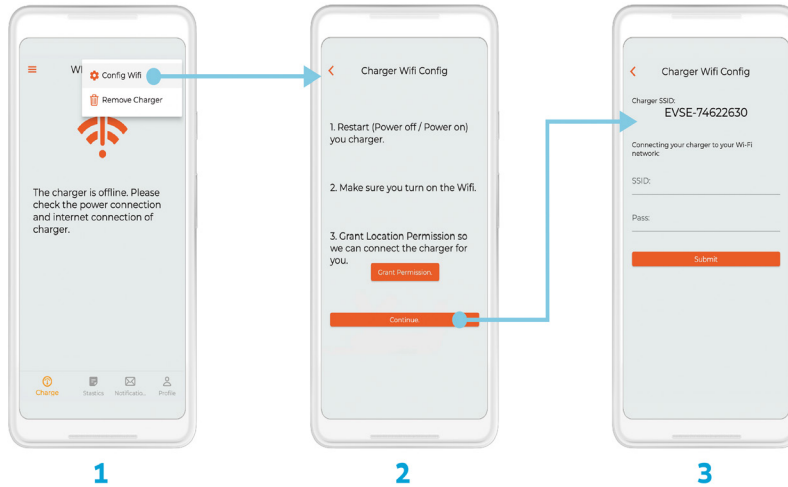
Through energy meter technology, charging station owners can also track charging trends, identify inefficiencies, and plan upgrades or future expansions based on user needs. In summary, energy meters for EV charging stations are valuable tools for promoting efficient, sustainable, and cost-effective electric vehicle charging.



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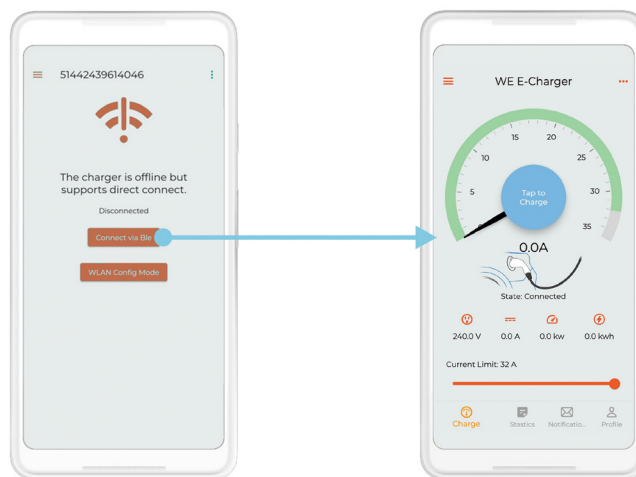
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## APPLICATION CONFIGURATION: WIFI



1. At the main page, tap the menu on the top right corner to move to the WIFI configuration page.
2. Follow the guide to set.
3. Fill your home's WIFI SSID and password, and submit.  
**Tip:** Only the wifi version of charging pile support the above function.

## APPLICATION CONFIGURATION: BLUETOOTH



1. Tap the connecting button and the APP will connect to the charging pile via Bluetooth automatically.
2. You are required to authorize positioning permission when the application ask for it.
3. The function of the Bluetooth pile is the same as an ordinary charging pile once the connection is successful.  
**Tip:** Only the wifi version of charging pile support the above function.



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## COMMERCIAL CHARGING SOLUTIONS



- ▶ Safety and Reliable
- ▶ Connector SAE J1772
- ▶ Wall-mounting and Floor-mounting
- ▶ Residential & commercial use
- ▶ Built to be compatible with all the EVs



- ▶ **Configure OCPP function:** Ethernet RJ-45 interface networking is adopted, and 4G module is optional, compliant with the OCPP 1.6J protocol. Upgraded and adaptable to OCPP 2.0.1 protocol in 2024.
- ▶ **Business management system:** Create an account for your customer to manage their chargers. Check and set all data of chargers.
- ▶ **Excellent choice for commercial:** Fast-charging stations serve as lucrative assets, enticing longer parkers, boosting revenue for retail/hospitality, and alleviating range anxiety for highway travelers, showcasing a commitment to sustainability.