# peblar ROCKSOLID CHARGERS

Unleash the power:

# Introducing Peblar

Product leaflet

# Ready for the future

As life gets more complex, tech should get easier. That's why we build EV chargers that are robust, easy to use and future-ready. Backed by our parent company Prodrive Technologies, we have everything in-house to fuel your future.

Peblar chargers all come with the same robustness, ease of use and security. They're ready for the future of connectivity and can be installed by an installer with ease.

### Aesthetic design
Made to accessorise and fit in with your exterior

### Rocksolid build
Only a limited amount of cables and elements

### Safe & secure
Following the highest market standards

### Quick installation
Set up by an installer with ease

### Built to last
Peblar is robust and hard to break

### Easy to use
Charge intuitively, without a manual

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## EV charger portfolio

Whether you're charging at home for personal use or need a solution for business-related driving, Peblar Home and Peblar Business have got you covered.

Peblar Home delivers reliable, straightforward charging tailored to private EV owners.

Peblar Business adds calibrated energy measurement (MID meter), making it ideal for company cars or vehicles used professionally, such as for mileage reimbursements, company car policies, or accurate energy cost allocation.

Whichever you choose, you get a simple, efficient, and tailored charging experience, so your EV is always ready when you are.

| Features | Peblar Home | Peblar Business |
|---|---|---|
| Number of phases | 1 phase / 3 phase | 1 phase / 3 phase |
| Maximum power | 3.7 kW / 11 kW | 7.4 kW / 22 kW |
| Port type | Fixed cable 5m / 7.5m | Socket / Shutter / fixed cable 5m / 7.5m |
| Local web interface connectivity | WiFi, Ethernet | WiFi, Ethernet |
| Display | ✓ | ✓ |
| RFID authentication | ✓ | ✓ |
| Group load balancing | ✓ | ✓ |
| Dynamic load balancing | ✓ | ✓ |
| Scheduled charging | ✓ | ✓ |
| Solar charging | ✓ | ✓ |
| Energy meter | Class B accuracy ±1% | MID certified or Eichrecht B / D (optional) |
| Back office connectivity | OCPP 1.6-J over Ethernet, WiFi | OCPP 1.6-J over Ethernet, WiFi, mobile network (2G / 4G) |
| ISO 15118 Plug & Charge ready* | - | ✓ |

*Available in the future via an over-the-air software update

# Detailed specification list

## General

| | |
|---|---|
| Charger type | IEC 61851-1 AC mode 3 |
| EV plug connection | IEC 62196 Type 2 cable (Home, Business)<br>IEC 62196 Type 2S socket (Business Shutter) |
| Rated (output) current | 16 A (Home)<br>32 A (Business) |
| Rated voltage | 230 V AC (1-phase)<br>400 V AC (3-phase) |
| Maximum power | 3.7 kW / 11kW (Home)<br>7.4 kW / 22 kW (Business) |
| Rated frequency | 50 Hz |
| Dimensions (H x W x D, excl. cable) | 387 x 207 x 128 mm |
| Weight (excl. cable) | Approx. 2.9 kg |
| Charging cable length | 5 m or 7.5 m |
| User interface | Multicolor LED, buzzer, display |
| Intended use | Single and multi residential, workplace, retail, hospitality, and depot charging applications |



387mm

207mm

128mm

Charger dimensions

## Safety

| | |
|---|---|
| Current leakage | 6 mA DC earth leakage protection |
| Safety class | Class I |
| Overvoltage category | Category III |

## Authorisation

| | |
|---|---|
| Authorisation methods | RFID (Mifare classic & Mifare DESfire), NFC, None |
| ISO 15118 Plug and Charge | Business only* |

## Environmental

| | |
|---|---|
| Operating temperature | -30 ºC to +50 ºC |
| Ambient storage temperature | -40 ºC to +85 ºC |
| Relative humidity range | 5% to 95% |
| Maximum operating altitude | 3000 m |
| IP rating | IP54 |
| IK rating | IK10 |

## Installation

| | |
|---|---|
| Installation location | Indoor and outdoor usage |
| Main connection | Permanent mains connection only |
| Installation type | Stationary equipment. Wall or pole surface mounted |

## Connectivity

| | |
|---|---|
| WLAN | 2.4 GHz with WPA2 |
| Fixed network | Ethernet 100 Mbit |
| Cellular | LTE Cat-M1, NB-IoT, GPRS (Business) |
| SIM size | Nano-SIM (4FF) |

## Supported protocols

| | |
|---|---|
| Vehicle communication | IEC 61851-1 <br> ISO 15118* (Business) |
| Back-end communication | OCPP 1.6-J <br> OCPP 2.0.1* |
| Firmware update | Locally via web interface <br> Over-the-air via OCPP |

## Charging strategies

| | | |
|---|---|---|
| Scheduled charging | Locally via web interface <br> Over-the-air via OCPP 1.6-J | |
| Dynamic load balancing | Hardwired via CTs <br> Local with HomeWizard P1 dongle | Hardwired via Modbus RTU meter* <br> Hardwired via Modbus TCP meter |
| Group load balancing | RS-485 (leader or follower) | Ethernet |
| Solar charging | Local with HomeWizard P1 dongle | Hardwired via Modbus TCP meter (selected types) |

## Energy meter

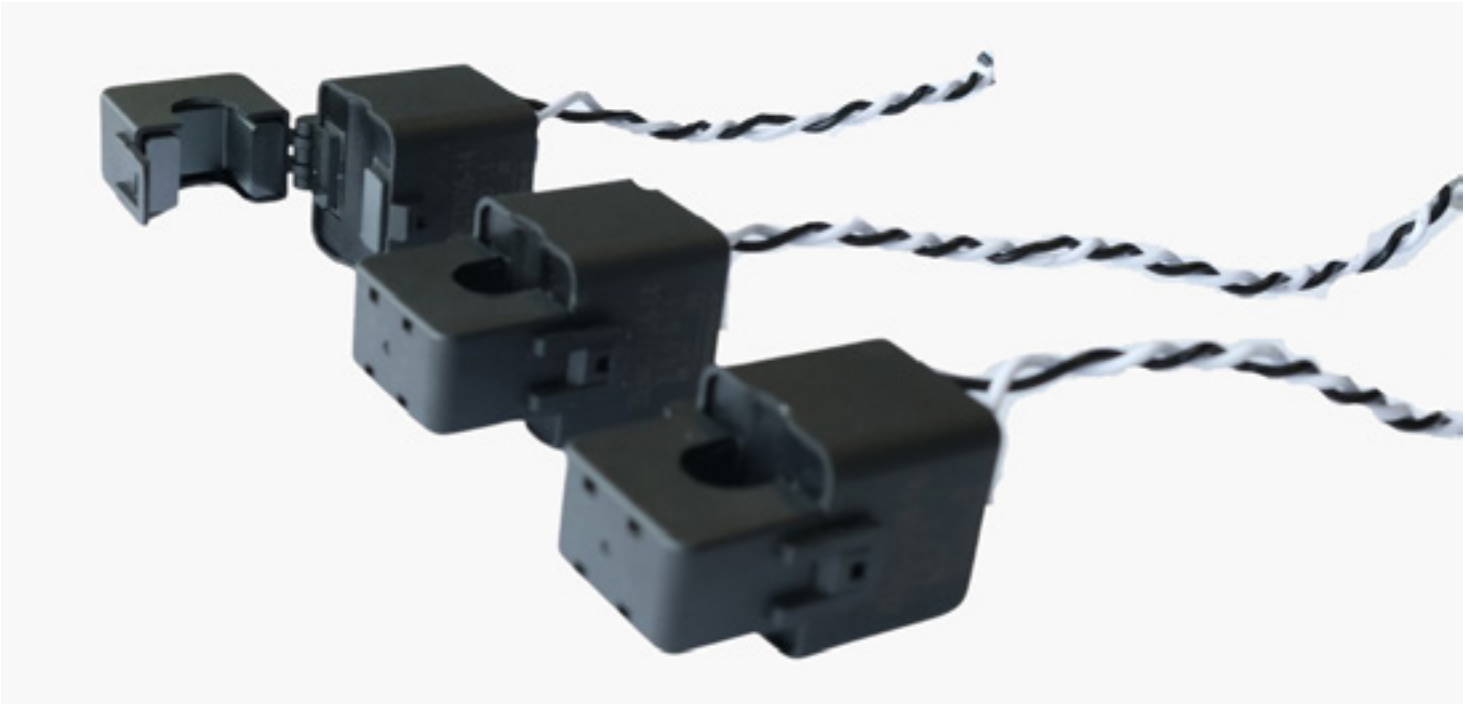| | |
|---|---|
| Energy meter class | Class B (Business) |
| Certification | MID certified (Business) <br> Eichrecht module B / D certified, optional (Business) |
| Control charger | Local Modbus and REST API |

# A look under the hood

When designing our EV charger, we didn't choose between safety, robustness and aesthetics. We wanted you to have it all.

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# Charger accessories

## Spare parts



Cover (cable)

Cover (socket)

RFID tag

Charging cable



## Load balancing kit (CT coils)

Avoid blackouts and charge smart. Our load balancing kit ensures your home rarely exceeds its energy limits. Fully compatible across Europe—for safe, efficient charging, every time.





## Pole base

Built for stability, our Pole Base supports both single and dual Peblar poles in any setting. Quick to install and built to last—giving your setup the professional finish it deserves.

## Single and dual pole

Engineered to last. Choose our single or dual pole to match your setup—sleek design, rugged build, and a breeze to install.

## Technology partners

We support a growing ecosystem of hardware and software partners—so you get a smart, flexible, and high quality experience.

Head over to our website to view supported back offices

## Software integrations

**View more on the website**

## Hardware integrations

**View more on the website**

# Customise charging preferences
# with the web interface

With the web interface of Peblar, you have convenient local control over your charger. Simply connect to the charger via Ethernet or WiFi using your device
(phone, laptop or tablet) that shares the same local network. Access the following practical functionalities within the web app:

Monitor and download real time
& historical charging sessions

Adjust LED preferences
and sound settings

Manage authorisation settings /
RFID tags (for unmanaged boxes)

Set personalised
charging schedules

Choose your solar
charging method

Set up network configurations

Download and install
software updates

Download diagnostics for
remote support

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