



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



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.



Peblar Home



Peblar Business



Peblar Dual

Features

Number of phases	1 phase / 3 phase	1 phase / 3 phase	1 phase / 3 phase
Maximum power	3.7 kW / 11 kW	7.4 kW / 22 kW	1x 22kW / 2x 11kW
Port type	Fixed cable 5m / 7.5m	Socket / Shutter / fixed cable 5m / 7.5m	2x socket
Local web interface connectivity	WiFi, Ethernet	WiFi, Ethernet	WiFi 6, Ethernet (2x, daisy chaining)
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)	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)	OCPP 1.6-J over ethernet, WiFi 6, mobile network (LTE CAT1, eSIM included)
ISO 15118 Plug & Charge ready*	-	✓	✓

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

Detailed specification list

Home and Business

General

Charger type	IEC 61851-1 AC mode 3
EV plug connection	IEC 62196 Type 2 cable (Home, Business) IEC 62196 Type 2S socket (Business Shutter)
Rated (output) current	16 A (Home) 32 A (Business)
Rated voltage	230 V AC (1-phase) 400 V AC (3-phase)
Maximum power	3.7 kW / 11kW (Home) 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



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 °C to +50 °C
Ambient storage temperature	-40 °C to +85 °C
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

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

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 ISO 15118* (Business)
Back-end communication	OCPP 1.6-J OCPP 2.0.1*
Firmware update	Locally via web interface Over-the-air via OCPP

Charging strategies

Scheduled charging	Locally via web interface Over-the-air via OCPP 1.6-J	
Dynamic load balancing	Hardwired via CTs Local with HomeWizard P1 dongle	Hardwired via Modbus RTU meter* 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) Eichrecht module B / D certified, optional (Business)
Control charger	Local Modbus and REST API

A look under the hood

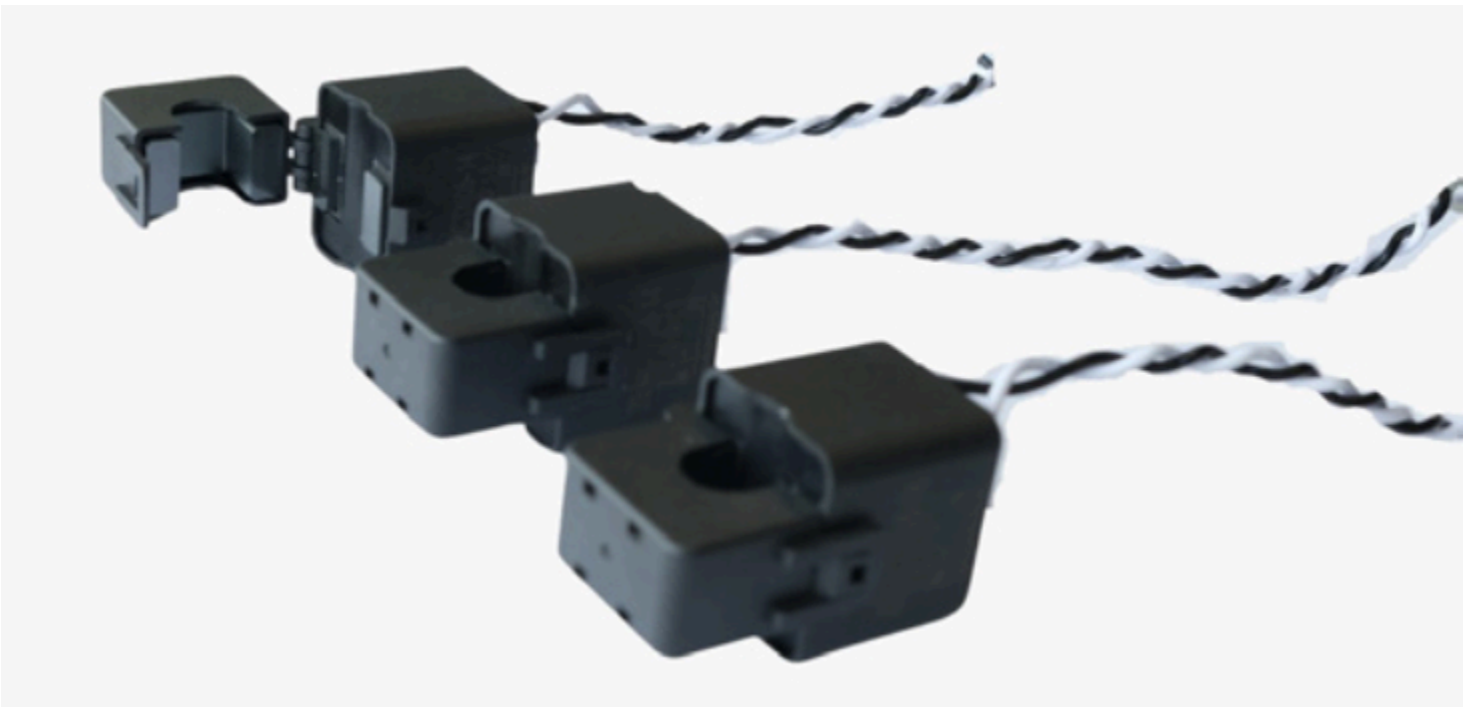
When designing our EV charger, we didn't choose between safety, robustness and aesthetics. We wanted you to have it all.





Charger
accessories
Home and Business

Spare parts



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.



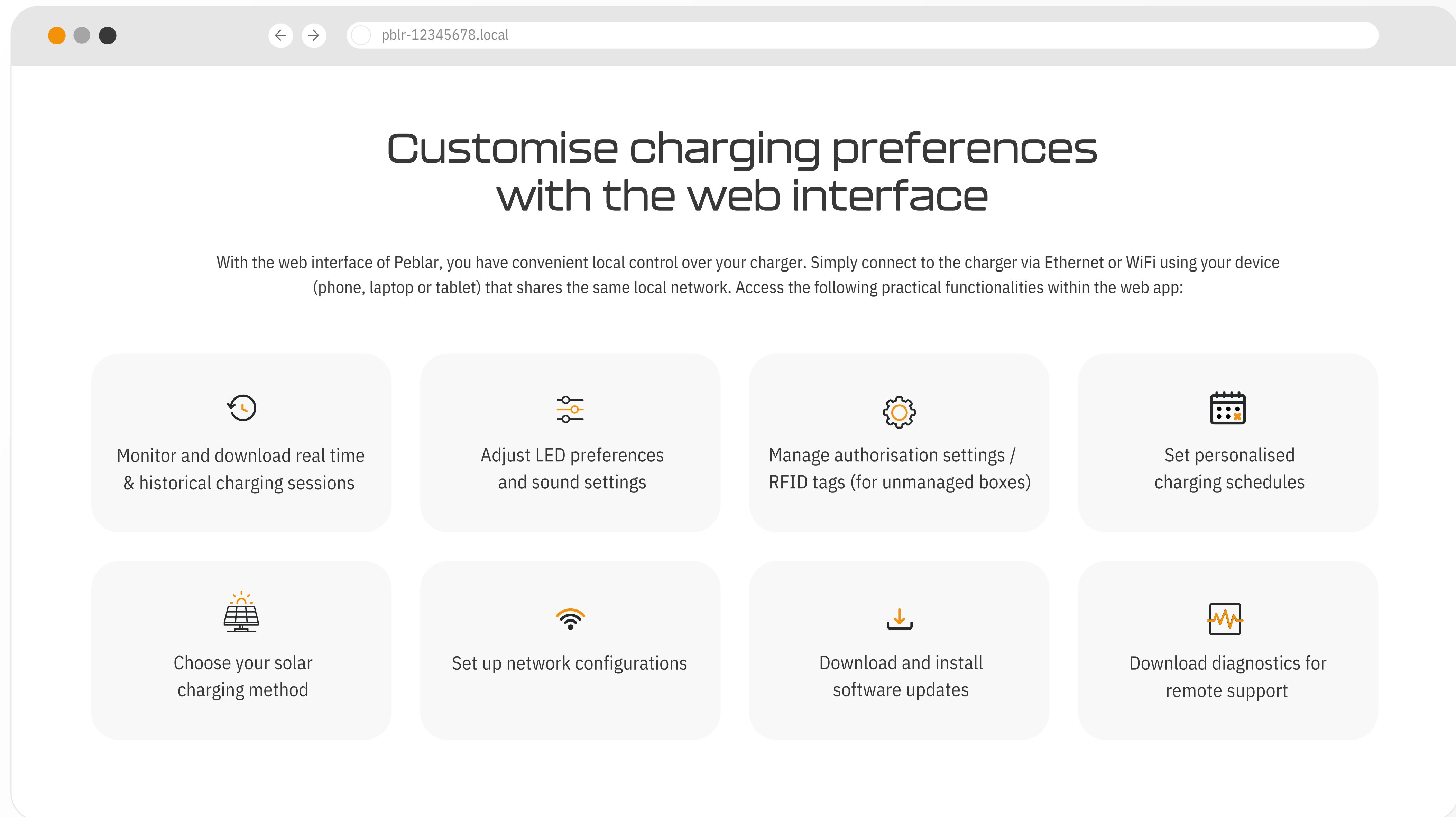
Pole
base

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.



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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