

**V2G**
vehicle to grid**aero**

The future of charging

**3CHARGY's AERO wallbox is simply the world's most advanced charging point.
Ideal for those who are looking to the future and need to make use of all current and future services.**

**AERO is an intelligent single-three-phase charging station that makes full EV-GRID integration possible.
3.6kW to 22kW - WiFi - LED indicator - MID meter**

plug & charge - V2G

**AERO is one of the AC wallboxes with maximum communication thanks in part to its smartphone APP
smart charging - OCPP 2.0 - ISO 15118-2 - v2g - v2h - EEBus - WI-FI - Bluetooth
The device is also a favorite among electricians because it is quick and easy to install and, most importantly, safe!**

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Key Features

- Wallbox mode 3 affordable
- Compact and weatherproof design - IP54 Ik10
- Quick and easy electrical installation
- For private, semi-public and public applications
- From 3.6 kW to 22 kW with single-three-phase charging
- Future-proof OCPP 2.0, ISO15118-2
- Safe with built-in DC6mA sensor and type A RCD
- Full OCPP 2.0 communication (LTE, Wifi, LAN and Bluetooth)
- Durable and easy to maintain outer shell
- Compatible with Type 2 charging cable
- RFID / NFC communication
- Home Load Guard (CT clamp sold separately)



Technical specifications

Charging mode	Mode 3 (IEC 61851-1 ed. 3) ISO15118
Outer shell	ABS (UL94 HB Fire Rated), IP54, IK10
Dimensions (W x H x D)	248mm x 426mm x 120mm
Weight	3,5kg
Temperature range	da -30°C a +50°C
Humidity	Maximum 95%
Protection	DC Sense (6mA), overcurrent, temperature, overvoltage
Mounting type	wall-mounted, indoor or outdoor
Socket	IEC 62196 Type 2 with lid,
Connectivity	WLAN: 802.11 (2.4 Ghz), Ethernet Rj45, Bluetooth, LTE, EEBUS
Meter	MID
Maximum charging current	22kW (32A)
Communication protocol	OCPP 1.6J - OCPP 2.0
RFID / NFC	YES
Measurement	Active power, active energy, current and voltage rms
LED indication	HMI LED Active Light Ring



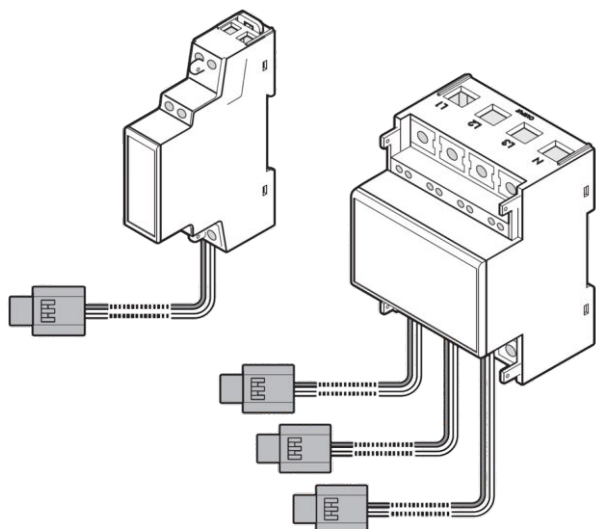
IP54



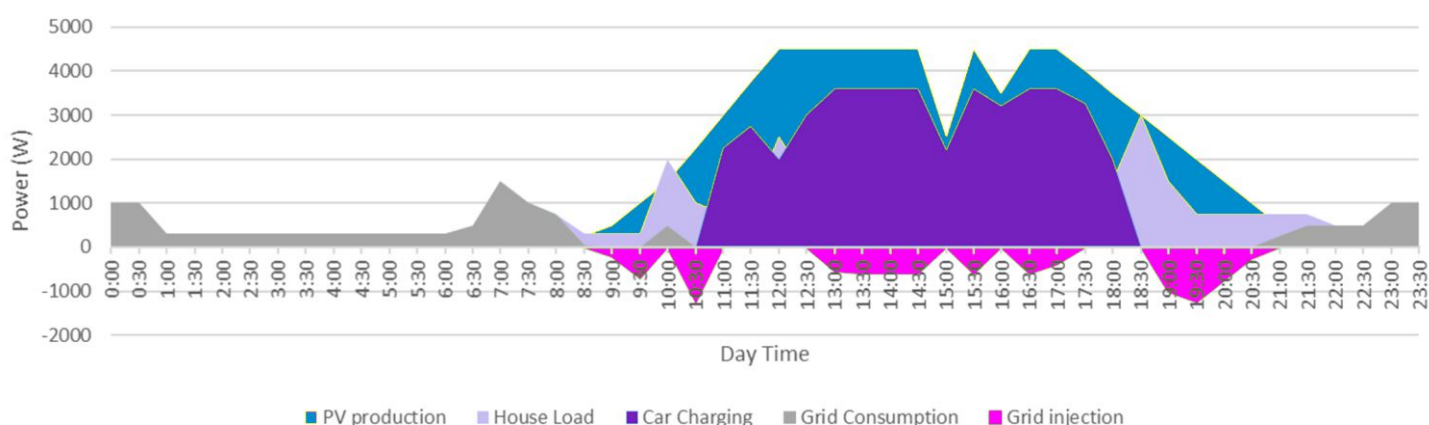
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Dynamic Solar Balancer



The Dynamic Solar Balancer (DSB) is the best for load balancing in all residential buildings, especially when the energy is generated by a photovoltaic system. The device measures the energy flow and provides continuous information about the plant's energy consumption or production. The Dynamic Solar Balancer enables efficient charging and intelligent charging in combination with a compatible charger, the perfect solution for optimizing your vehicle's use of green energy. Green e-Mobility at the highest level!



Product description and applications

The DSB continuously measures the voltage and current of the home system and transmits this information to the AERO charger. In this way, the charger takes into account the actual load of the home system and balances the charging power of the electric car. the charging power of the electric car.

The result is a well-balanced system, which never overloads the grid connection, avoids load peaks, and thus avoids tripping of the main switch, which would interrupt the power supply to the entire building. In addition, the system can be configured so that the electric vehicle charger uses only the energy supplied by the PV system, thus maximizing the use of self-generated green energy and reducing the electricity bill.

The DSB unit can be added to any existing grid connection (single-phase or three-phase) using easy-to-install terminal coils without interrupting the power connection.

The connection between the DSB and the EV charger can be made with a standard UTP cable, through which the charger can also supply power to the unit.

Alternatively, an optional 12V power supply can be installed.



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Manage your EV fleet...

... with our industry-leading app and back-office.

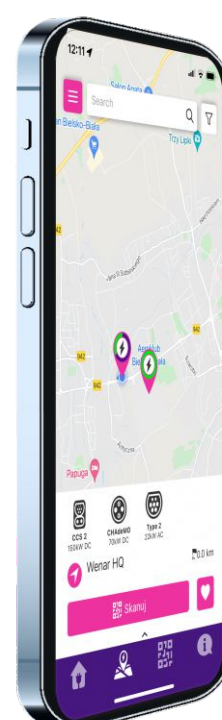
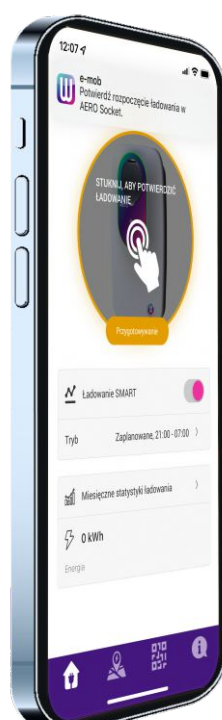
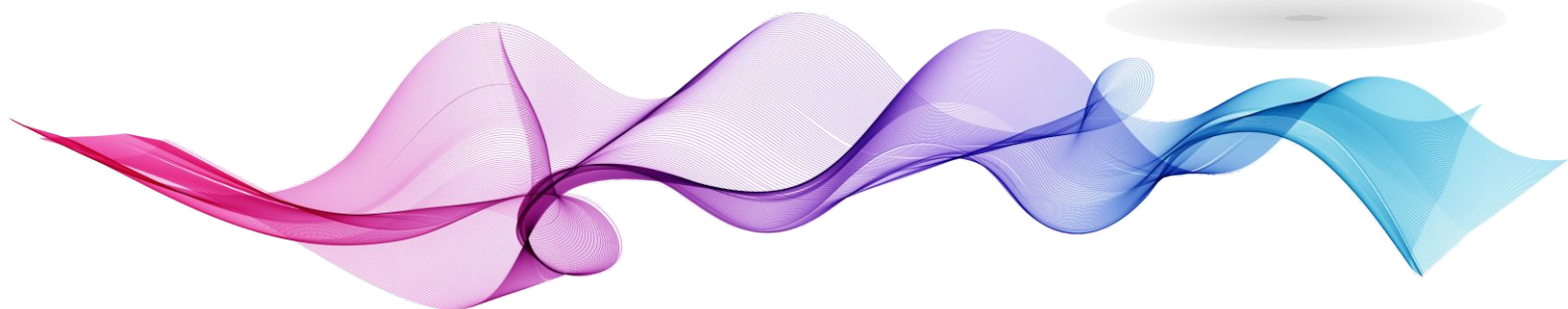
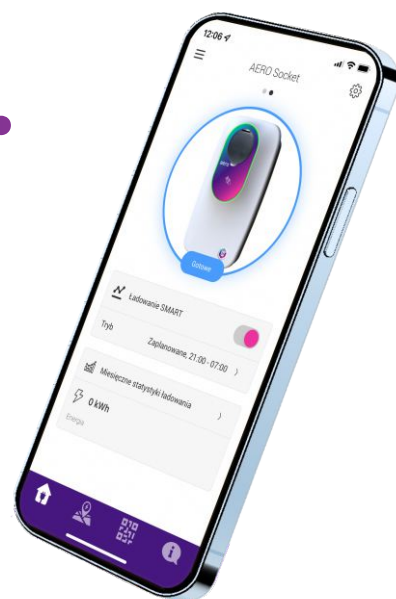
The best possible future-proof solution for your business.

At 3CHARGY, we will discuss with you the best solution for your business and charging issues at your place of business and residence.

We will present you with available solutions tailored to your needs and budget.

You will have a dedicated account manager,

to make our collaboration as smooth as possible.



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