EnergyCloud

CHARGING STATION
WALLBOX

Reliable source for fast, safe and efficient charging of electric vehicles.

SMART APPLICATION
for charging station management

INTELLIGENT
regulation of charging power

COMPATIBILITY AND SERVICE
Delayed start allows to schedule charging during cheaper rates.

www.EnergyCloud.cz
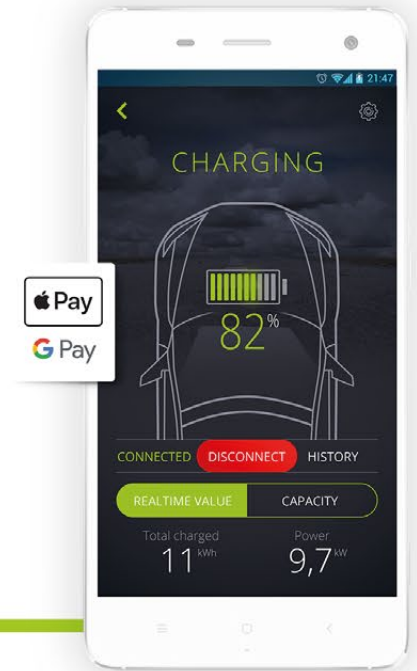
HOW DOES ENERGYCLOUD
WALLBOX WORK?

1 EnergyCloud focuses on production of charging stations for EV and manufacturing and supply of battery stations for households and industry. EnergyCloud represents a comprehensive approach to the efficient use of renewable sources of electricity.

The charging stations are designed for home use, corporate fleets, as well as public charging points. Payments can be made by credit card, Google Pay or Apple Pay, or any in-house card.

2 The Wallbox intelligent control allows to react in real time to the current consumption of the building and adjusts the charging power so that the reserved power of the building (circuit breaker value) is not exceeded.

The Wallbox comes with an app that is available on mobile phones (Android and iOS) and on the web. The app is used to manage and monitor one or more charging stations in real time.

Technical parameters

Input	TN – S 400 V / 50 Hz
Nominal current	3 × 32A
Nominal power	22 kW
Residual current monitor	AC 30 mA / DC 6 mA
Connection with a car	Type 2, fixed cable

Specifications

Dimensions (w, h, d)	325 ×410 ×153 mm
Ingress protection	IP 54
Impact protection	IK 10
Weight	7 kg
Ambient temperature	-30°C to +55°C

General information

External interface	Ethernet (RJ45)
Power meter	Certification MID

Wallbox product line	PRO	PRO DUO	HOME NZÚ	HOME DUO NZÚ	HOME	HOME DUO
Power	1 × 22 kW	2 × 22 kW	1 × 22 kW	2 × 22 kW	1 × 22 kW	2 × 22 kW
QR code payment	✓	✓	✗	✗	✗	✗
OCPP	✓	✓	✗	✗	✗	✗
Plug & Charge	✓	✓	✗	✗	✗	✗
Mobile app	✓	✓	✗	✗	✗	✗
RFID reader	✓	✓	✗	✗	✗	✗
User administration	✓	✓	✗	✗	✗	✗
Over voltage protection	✓	✓	✓	✓	✗	✗
Load balancing	✓	✓	✓	✓	✗	✗
Power meter	✓	✓	✓	✓	✓	✓
Button control	✓	✓	✓	✓	✓	✓