



preliminary



enelion

WALLBOX DUO POWER PRO

STRENGTH OF STREET KNOWLEDGE

For those in the business of going electric.

Crafted for CPOs and all public, commercial, or multi-dwelling residential EV Charging Networks. Modular, aluminum frame holds two charging modules featuring color LCD touchscreens for dynamic QR payments. Built-in 3-phase PEN protection, selective RCDs, and daisy-chain power supply simplify installations and help slash investment costs. Fully-stacked with OCPP commands (1.6; 2.0.1- and ISO 15118-ready), with local load balancing, Wallbox Duo Power Pro ensures 24/7/365 reliability.



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Safety That Pays

With built-in 3-phase PEN protection, MCBs, RCDs, and precision DC/AC leak monitoring, Wallbox Duo Power Pro eliminates costly groundwork and extra upgrades. Supporting QR, compliant with UK's EVSCP, PCPR, AFIR standards, and eligible for OZEV grants - saving money is now a standard procedure.

Long-Term

Low-Maintenance Relationship Engineered for a decade-plus lifespan in challenging environments, Wallbox Duo Power Pro handles itself with remote diagnostics, easy OTA updates, and intuitive touchscreen support. Less downtime, fewer disruptions.

Tailored to Your Brand

Make WallBox Duo Power Pro distinctly yours. Customizable colors, multilingual interface (12 languages), and branding aligned precisely with your identity, without sacrificing technical performance.

Plug, Play, Profit

Wallbox Duo Power Pro isn't here to complicate things. Its modular aluminum frame and smart daisy-chain architecture simplify installations dramatically.

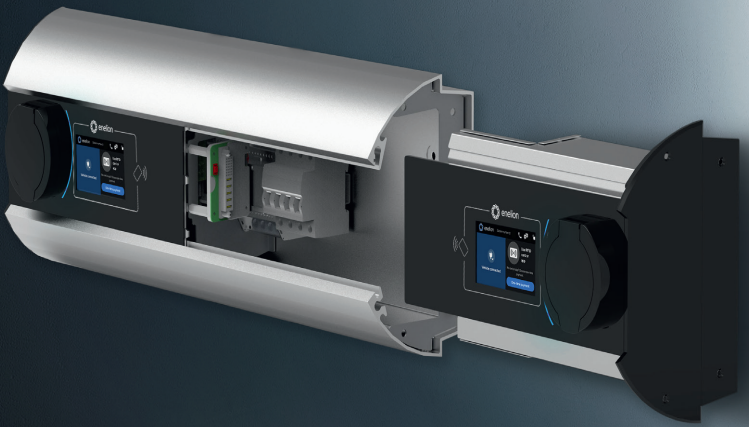
Always On, Always Connected

Stay confidently connected through WiFi, Ethernet, or LTE, with each connection being a fallback for the other. Fully compliant with OCPP (OCPP 1.6; future-proofed for 2.0.1 and ISO 15118), Wallbox Duo Power Pro effortlessly integrates into any backend systems. Simplify management, amplify control.

Fail-Safe Power Management

With Enelion Energy Guard (C Ts up to 2kA), Wallbox Duo Power Pro supports local, firmware-based, and smart meter-driven load balancing, completely offline. Modbus BMS interface and CAN bus fallback communication ensure consistent performance whenever cloud communication fails.





WALLBOX DUO POWER PRO

Modular

World's first wall-mounted modular electric car charger.

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Accessories

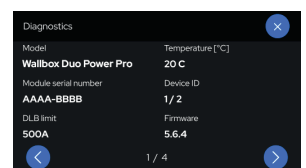
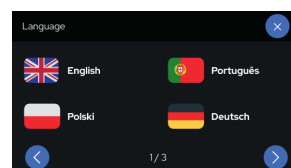
Enelion Energy Guard 3.0

ENELION ENERGY GUARD 3.0 is a device that monitors the energy consumption of the whole building – from a single household to the largest office parks. Based on the power ordered from the energy supplier and the current energy consumption measured by Energy Guard, it is possible to obtain information on how much power can be directed for EV charging. Energy Guard can also be used in a chain of charging stations (parking lots, shopping centres, fleet car parks), which allows the use of the full potential of the energy supplied. The current measurements are taken using measuring coils, which simplifies the installation process.



Colorful screen, advertisements, and dynamic QR codes

Large 4.3" display – a clear and readable screen ensures the highest level of convenience and presents key information effectively



WALLBOX DUO POWER **PRO SOCKET**WALLBOX DUO POWER **PRO SOCKET**
WITH MASKING PANELWALLBOX DUO POWER **PRO SOCKET**

GENERAL INFORMATION

Charging power	1x or 2x adjustable from 1.4 kW to 22 kW
Socket / plug	1x or 2 x socket (Type 2) with lock
Supported grid systems	TN-S, TN-C-S, TN-C, TT, IT; 400 V (3 x 230 V)
Electrical Protections*	Integrated RCD Type A, RCD Type B DC/AC leak monitoring, 3-phase PEN fault detection
Set - up	Static Load Balancing (offline; FW-based) Dynamic Load Balancing (+ Enelion EEG 3.0*)
Cable terminals	Terminal Blocks max. cross-section up to 16 mm²
LED display	4.3", touch, color
Available protections*	RCMB / RCDA / RCDB
Charging authorization	RFID / OCPP / FreeCharge
Communication	offline /LTE (4G), Ethernet (LAN), Wi-Fi 2.4 GHz
Communication protocols	OCPP 1.6 JSON (ready for OCPP 2.0.1), CANbus, Modbus
Vehicle communication	Mode 3 (IEC 61851-1), ISO 15118-ready
Energy meter	3-phase energy meter > compatible with MID certified meter
IK protection rating	IK10
IP protection rating	IP54
Operating temperature	-25°C / +55°C
Dimensions	710mm x 250mm
Housing	Durable, non-corrosive, aluminum housing
Finish	powder-coated (RAL range; anodized finish)

*available as an accessory

Integrated with: **MONTA** **AMPECO** **Spirii** **Last Mile Solutions**

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