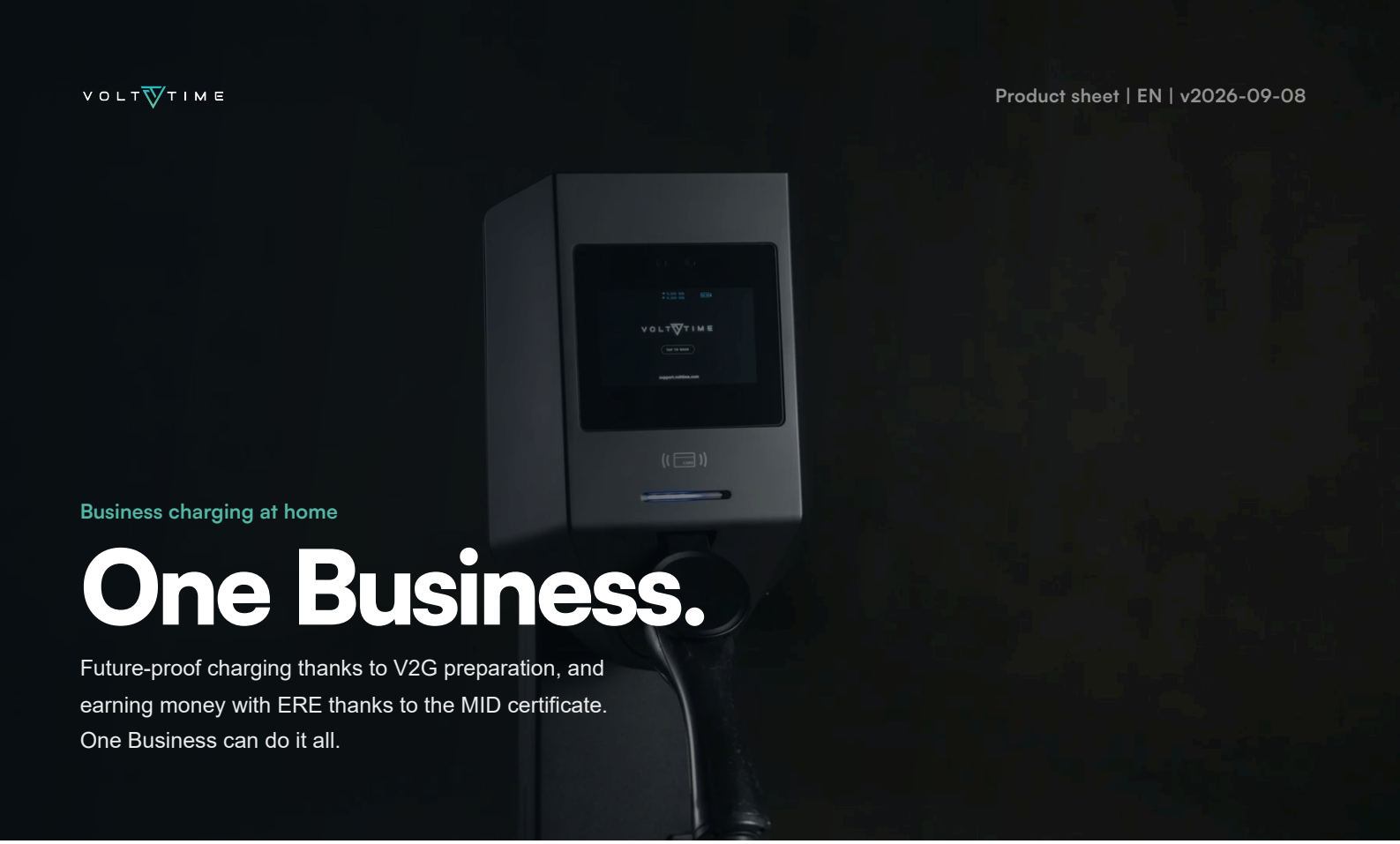
Business charging at home

One Business.

Future-proof charging at home, and earning money simply by charging. The smart charger that can do it all.



Business charging at home

One Business.

Future-proof charging thanks to V2G preparation, and earning money with ERE thanks to the MID certificate. One Business can do it all.

+ Truly V2G-ready

ISO 15118-20 supported and communication-ready with OCPP 2.0.1/2.1. The hardware is on board and ready for the future.

+ 5" touch display

A bright 5-inch touchscreen shows the status and handles QR payments for visitors (AFIR).

+ Bidirectional MID

Which also makes it suitable for ERE registration. Earn up to €0.15 per kWh, simply by charging.

+ 3-to-1 phase switching

With little sun it automatically drops back to one phase: charging from around 1.4 kW, purely on your own solar surplus. Available via Plugchoice.

On mounting pole

Pay by card or QR

Lockable cable

View the product page

volttime.com/en/products/chargers/one-business

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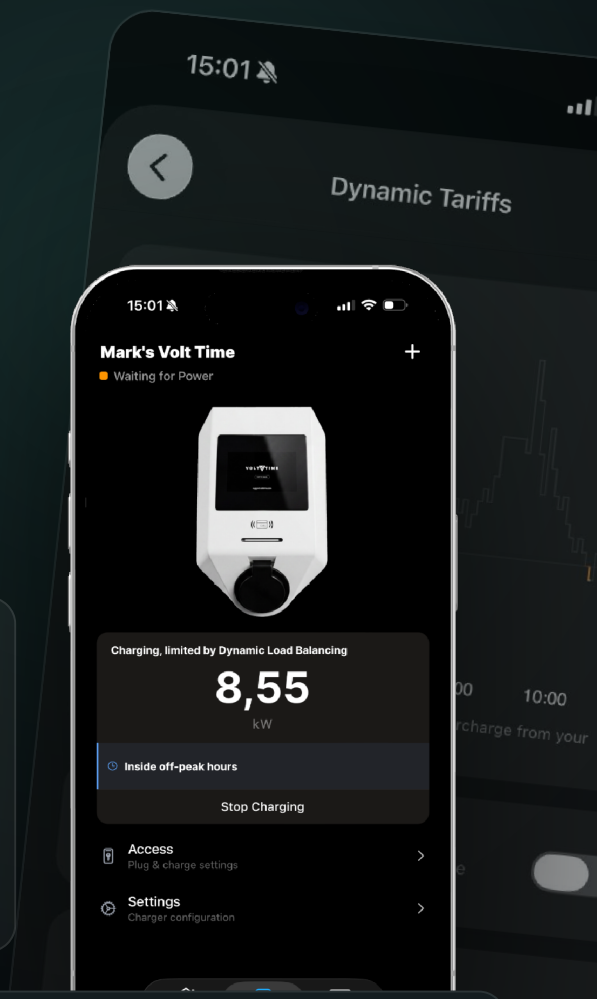
Plugchoice

Charge up to 80% cheaper.

With the smart features of One Business and the free Plugchoice app you charge on solar energy, on dynamic tariffs, or in an instant with Boost. Whatever suits you best. The Plugchoice Smart Charging license is included with One Business as standard, at no extra cost.

Smart Charging license included | Boost | €0 subscription



Dynamic tariffs

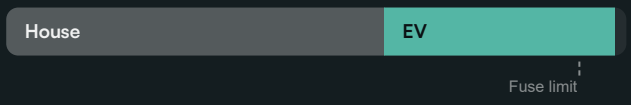
Day-ahead price, hourly

The app fetches tomorrow's hourly prices and shifts charging to the cheapest hours. **The car charges during the green hours.** Peak/off-peak tariffs work too.

Solar charging

The charger measures your solar generation and charges on the surplus, instead of feeding it back to the grid.

Load balancing



The EV yields to the house: your main fuse never trips, and you always charge at the maximum.

Support that answers

Fast, responsive support for you as a driver and for your installer. You can always reach us, and the reviews speak for themselves.

Read our reviews

Trustpilot

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Technical specifications

One Business. At a glance.

Front | 350 × 233 mm

Side | 169 mm deep

Technical documentation

Manuals and datasheets at **volttime.com/en/products/chargers/one-business**

All product data as CSV in the ETIM classification: **volttime.com/etimpublic**

Certified and tested by

TÜVRheinland® Precisely Right. · NMi · ELAAD TESTLAB · Nemko

36 mo
Warranty
Factory warranty.

Direct
End-customer support
Drivers reach us in-app or via email.

Dimensions
350 × 233 × 169 mm, rear cable entry

Weight
4.0 kg (socket & shutter)

Charging power
1 or 3-phase, 6-32A (1.4-22 kW), 3-to-1 phase switching via Plugchoice

Connector
Type 2 socket, standard or with shutter (IEC 62196-2)
Jet Black or White

Communication protocol
OCPP 1.6j & OCPP 2.0.1, OTA path to OCPP 2.1
REST API integration (via Plugchoice)**, Bluetooth

Network interfaces
RJ45 (Ethernet / LAN), Wi-Fi 6 (2.4 & 5 GHz)
Cat4 4G LTE + SIM (eSIM optional), RS485
Load management for multiple chargers via Plugchoice**

Safety
Built-in residual current detection 30 mA AC / 6 mA DC (IEC 62955), no external Type B needed
Ground fault protection, overload protection (EN IEC 61851-1)
4-pole locking relay (10 kA peak), insulation class 1, OVC III
Temperature sensors on all main contacts

Security
Anti-theft detection, cable locking (permanent lock optional), padlock bracket
TPM 2.0 hardware security
ETSI EN 303 645 (Nemko), EN 18031 cybersecurity, UK Smart Charge Points Regulations 2021

Internal energy meter
MID Class C 2014/32/EU (±0.5%, TÜV Rheinland) + Eichrecht (NMi Certin)
OCMF-signed sessions, meter display visible from outside

Identification (HMI)
ISO 15118-20 (V2G-ready), ISO 15118-2/3 (Plug & Charge)
RFID/NFC (ISO 14443, Mifare 13.56 MHz), Autostart
Plugchoice app & web portal**

Power connection
Backplate with screw terminals
Wire per installation manual (6 mm² common for 32A)

User interfaces
App (via Plugchoice), 5" touch display
LED status strip
MID meter display visible from outside

Protection rating
IP65 (IEC 60529), IK10 (IEC 62262)

Supported grid types
TN, TT, IT

Operating conditions
-40°C to +55°C, no derating up to 55°C, humidity 5% to 95%

Standby consumption
~5 W

Recommended mounting height
1 metre above ground

Factory warranty
36 months

Compliance
RED 2014/53/EU | RoHS 2011/65/EU | EMC 2014/30/EU | LVD 2014/35/EU | CE & UKCA | EN IEC 61851-1 | Independently tested by ElaadNL

** Provided through or requires Plugchoice.

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