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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