



ZAPTEC Pro

Use all available capacity

The available power is divided dynamically across all charging stations. ZAPTEC performs load and phase balancing, and the charging station switches dynamically between 1-phase and 3-phase charging for best possible utilisation.

Easy to expand the system using more charging stations

When you install ZAPTEC, the infrastructure is set up for all parking spaces. If there is increased demand for charging, you can quickly and easily scale the existing infrastructure with no additional effort or investment in the fuse box.

Better Internet connection, always online

ZAPTEC's 4G LTE-M, which is supplied by Telenor, provides good uptime and can help make the charging system cheaper with no extra infrastructure. The charging system is online 24/7 and ensures that regular software updates are implemented.

Maintains top safety standards

The charging station allows you to charge vehicles in complete safety using approved type 2 plugs, integrated fuses and built-in residual current device.

Distribute costs fairly

A built-in power meter indicates accurate consumption and allows shared garage or parking spaces to be assigned to and paid for by individual users. Use our administration system free of charge, or choose from a range of payment services for automatic payment, operation and support.

Intelligent and focusing on the future

The charging station supports ISO 15118, which makes it ready for Plug & Charge, State-of-Charge and other exciting options that will make it possible for us to improve the user experience. With its use of advanced technology, built-in software and a cloud solution for configuration and monitoring, this charging system is set up for the future.

ZAPTEC

Technical Specifications - ZAPTEC Pro

ZAPTEC Pro is an alternating current wall or column-mounted charging station in accordance with IEC 61851-1, EVSE mode 3.

Dimensions and weight

H: 392 mm W: 258 mm D: 112 mm
Weight: approx. 5 kg (including backplate)

Installation circuit

Max. 63A serial fuse on installation circuit for charging stations.

Backplate connection box

Cable cross section 2.5–10 mm²
Cable diameter 10–20mm²

Installation network, Voltages

TN, IT and TT
230VAC ±10%
400VAC ±10%

Max. current and charging output

7.36kW* at 32A/1-phase
22kW* at 32A/3-phase (applicable to TN networks only)
5W at standby

Fuses

Built-in 3 x 40A fuses type C

Charging point

EC 62196-2 Type 2 Female with integrated self-closing cover

Earth fault protection

Built-in type B RCD
Calibration and a self-test are carried out before the start of every charging cycle. RCD can be automatically reset by disconnecting from the charging connector.

Integrated Power Meter

MID tested and calibrated (EN.50470).

Theft protection

The front cover of the ZAPTEC Pro can only be opened using a special tool. The charging cable can be locked permanently to the charging station.

Load balancing

Together with other ZAPTEC Pro charging stations, available power in the installation will be distributed automatically between the devices and phases.

Phase balancing

The charging station will dynamically select any single phase or 3-phase in a system with other ZAPTEC Pro charging stations, depending on the available power.

Communications interface and cloud connection/network

4G LTE-M1 (subscription required)
Wi-Fi 2.4 GHz, IEEE 802.11 b/g/n (channels 1-11)
Powerline (PLC) – HomePlug Green PHY®, 10 Mbit/s

Identification and configuration

Bluetooth Low Energy (BLE 4.1)
RFID/NFC reader – Mifare Classic, Type A
PLC for vehicle interface for future services as defined by ISO15118

Standards and approvals

CE compliance in accordance with the Radio Equipment Directive 2014/53/EU and ROHS Directive 2011/65/EU, and compliance with IEC 61851-1 (TUV SÜD) and IEC 61851-22

Temperature range

–30°C to +50°C

Degree of protection

IP54, indoor and outdoor use
IK10 impact protection
UL94 5VB flammability rating
UV resistant

Electrical protection

Protection class II (4kV AC and 6kV impulse, insulation)
Overvoltage category III (4kV)

Integration services

Third-party integration alternatives (API, Webhooks)
OCPP 1.6J
Message subscription

*32A is available but may be restricted by the condition of the vehicle's battery and temperature increases at the charging station.

See the charging consumption in the administration system or the app

4G LTE-M
Internet connection

Simple identification with charging card

Lock the charging cable to the charging station

Self-closing cover

