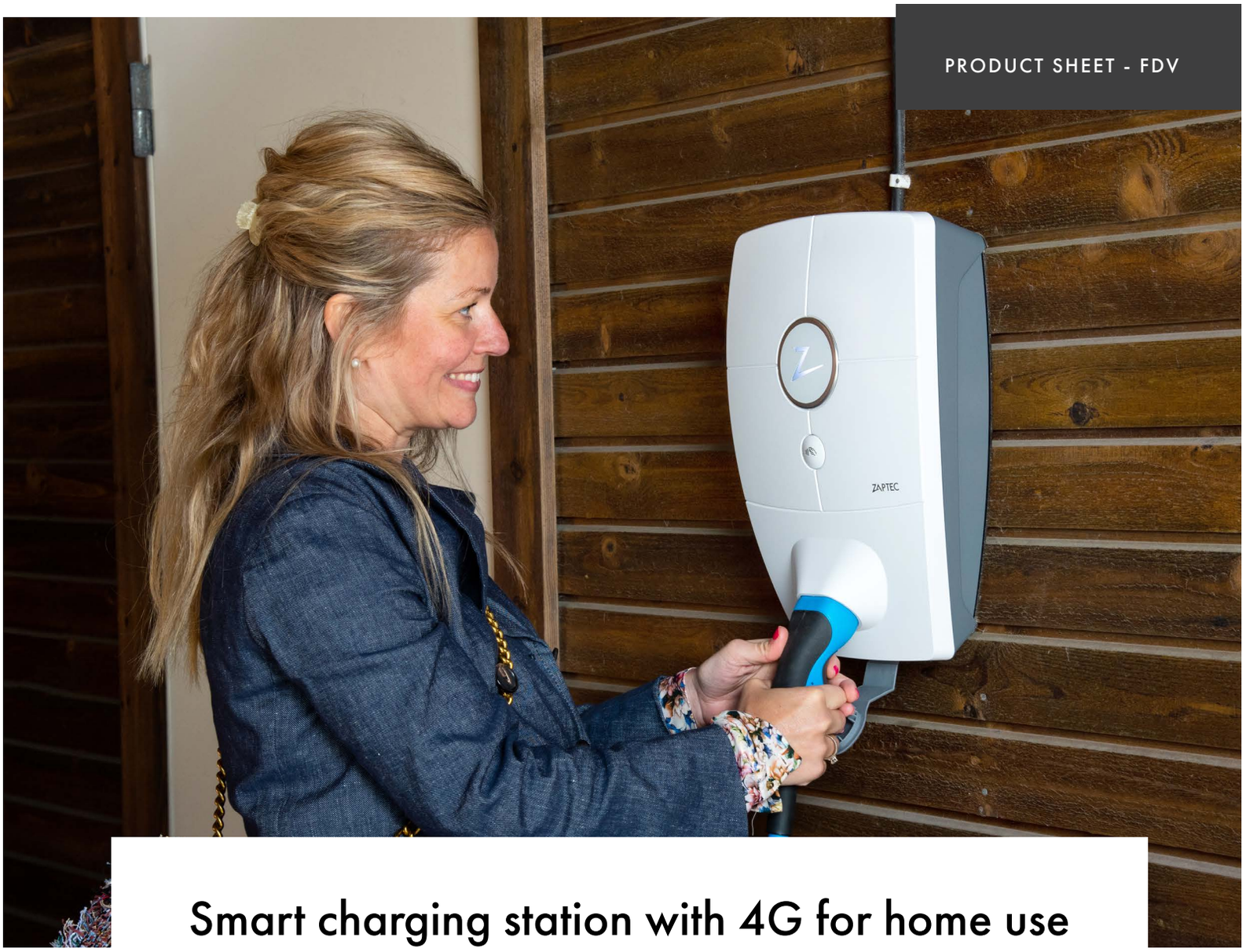


Smart charging station with 4G for home use

Always online with 4G
ZAPTEC HOME is supplied with integrated 4G connectivity from Telenor, ensuring that the charging station is always online, both at the cabin and at home.

Smart charging at home
Of course you would prefer to charge at home. At home, you have the freedom to charge when it suits you and you can adapt your charging to when electricity is cheapest.

Safety for you and your family
Charging using ordinary power sockets can cause dangerous situations such as fires and electric shock. ZAPTEC HOME allows for completely safe charging using the recommended type 2 station with integrated residual-current circuit breaker.

Suitable for all types of electric cars
By choosing ZAPTEC HOME, you will not need to change charging station the next time you change your electric car.

Rapid charging
With an output of 22kW, you can charge your electric car for a range of 100 kilometres in just one hour.

Easy to expand to three charging stations
With ZAPTEC HOME, you can easily expand to up to three charging points sharing the power.

Safe investment
An investment in a private charging station is an investment in the value of your property.

Power consumption management
In a few years, the structure of electricity prices will change and electricity could become more expensive. ZAPTEC HOME provides you with a smart charging station that can charge when electricity prices are low.

ZAPTEC

Technical specifications - ZAPTEC Home

ZAPTECH HOME is an alternating current charging station for wall or column installation in accordance with IEC 61851-1, EVSE mode 3.

Dimensions and weight
H: 392 mm. W: 258 mm, D: 112 mm
Weight: approximately 5 kg (including backplate)

Installation network
TN, IT and TT

Installation circuit
Max. 40 A series-connected fuse in the charging station installation circuit. Max. 3 x ZAPTEC HOME connected in one installation.

Transition box/fuse box
The charging point must be protected against overvoltage in accordance with NEK-400

Junction box
Cable cross-section 2.5-10 mm²
Cable diameter 10-20 mm²

Installation network, Voltages
230VAC ±10% 400VAC ±10%

Max. power and charging output
7.36kW* at 32A/1-phase
22kW* at 32A/3-phase (applicable to TN networks only)
* output is controlled by how many devices are charging and may depend on the internal temperature of the charging station.

Charging connector
EC 62196-2 Type 2 Female, silver plated for durability

Earth fault protection
Built-in RCD type B
Calibration and self-testing are performed before the start of each charging cycle. The earth fault protection is automatically reset when the charging cable is disconnected.

Integrated power meter
Integrated in the charging station with an accuracy of +/- 1% for power and voltage. This allows the user to monitor and verify the actual power consumption.

Theft protection
The front cover can only be opened using specialist tools. The charging cable can be permanently locked to the charging station.

Phase distribution
Depending on installation and vehicle type the charging station can switch between 1-phase and 3-phase charging station mode. If two or three charging stations are used, the phase usage will be coordinated in the optimal manner.

Avoid uneven load - When the charging station operates in 1-phase mode, it can dynamically select which of the three phases to use for charging. The charging station can also be programmed to use a specific phase if required.

Load distribution
The available power in the installation is automatically distributed between up to three charging stations and the home (APM).

Communication interface and cloud connectivity/network
4G LTE-M1 (subscription required)
Wi-Fi 2.4 GHz, IEEE 802.11 b/g/n (channels 1-11)

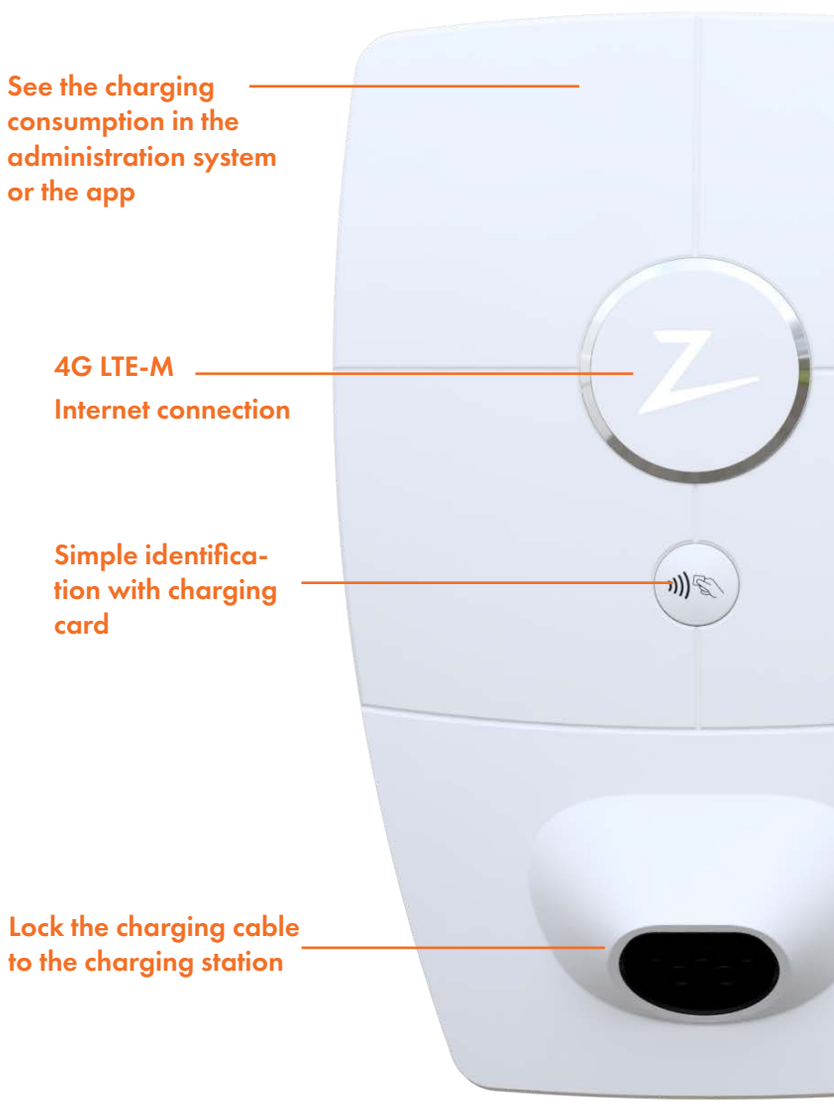
Identification and configuration via app and charging tag
Bluetooth Low Energy (BLE 4.1)
RFID/NFC reader

Standards and approvals
CE conformity in accordance with the Radio Equipment Directive 2014/53/EU and ROHS Directive 2011/65/EU. Conforms with IEC 61851-1 and IEC 61851-22

Temperature range
-30°C to +50°C

Degree of protection
IP54, indoor and outdoor use IK10 shock protection
UL94 5VB fire class
UV resistant

Electrical protection
Protection class II (4kV AC and 6kV impulse, isolation)
Overvoltage category III (4kV) The power inlet/main inlet/ panel should be equipped with overvoltage protection in accordance with NEK



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