

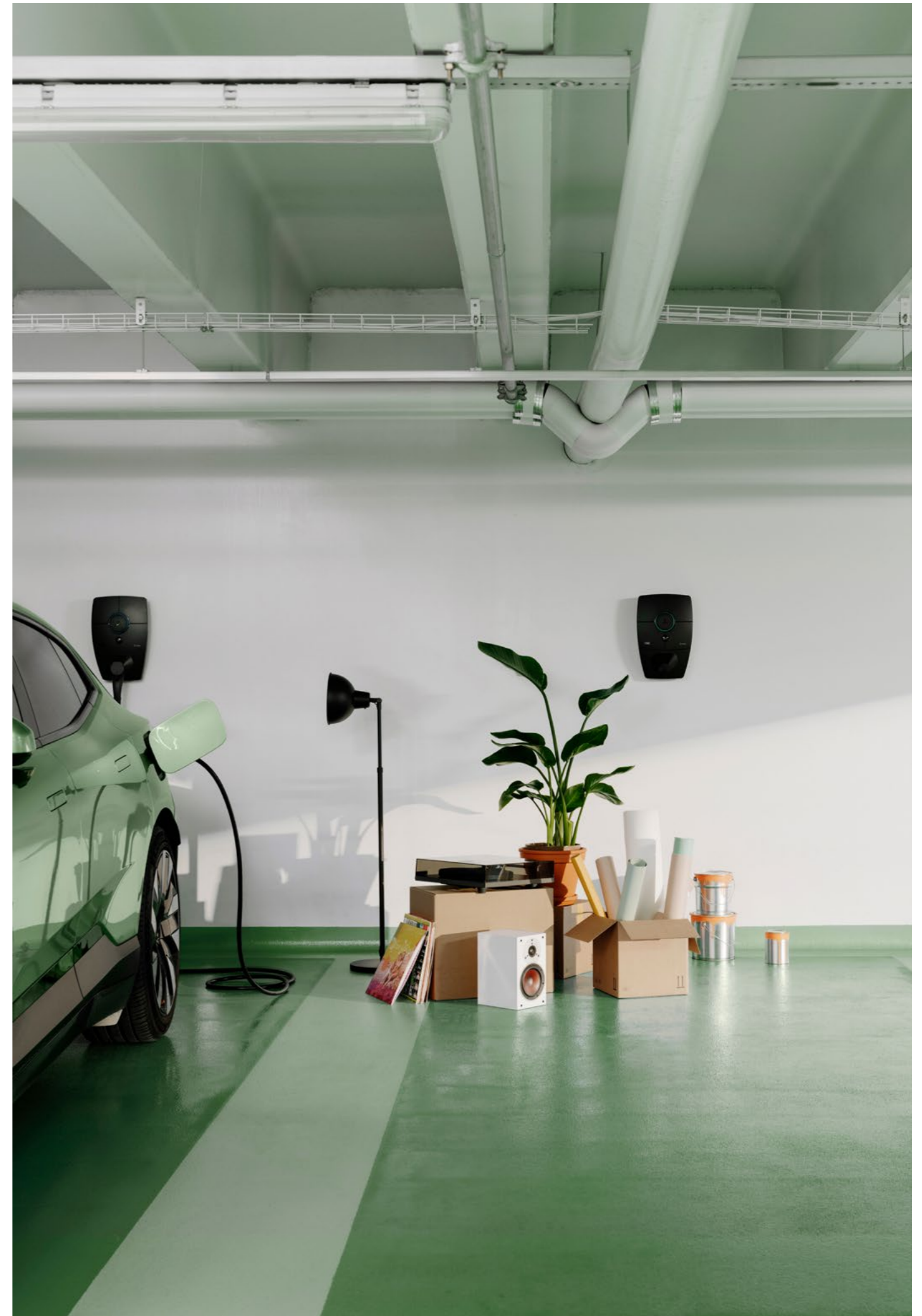
# Zaptec EV charging solutions



Explore our products →

# Zaptec powers adventure

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# We're Zaptec

A Norwegian EV charging manufacturer.  
We build user-friendly, reliable and efficient charging solutions that power adventures.










**Designed in Norway. Made in Norway and Germany**

Since 2016, Zaptec has set the standard for EV charging in the Nordics and earned a place among Europe's leading manufacturers. Our chargers are built to withstand some of the harshest conditions on the planet. We never compromise on quality or safety.

Production takes place at Westcontrol in Tau, Norway, and Sanmina in Gunzenhausen, Germany. We stay close to the process to ensure every charger meets our standards.

Zaptec's quality and craftsmanship in design and technology have earned industry awards.

 <p>ADAC Online 12/2025 12 Wallboxen im Test <b>ZAPTEC Pro MBE</b> Max. Ladeleistung 22kW Test  <b>gut (1,8)</b></p>	 <p>2024 - 2025 <b>PRODUCT OF THE YEAR</b> 1998 &amp; 1999 (1st) - 2023 (1st)</p>	 <p><b>TESTVINNARE</b> ÅPENTURBERG</p>	 <p><b>NAF</b></p>	 <p>reddot winner 2022</p>	 <p>reddot winner 2021</p>
<p><b>ADAC Wallbox Test 2025</b> Zaptec Pro</p>	<p><b>L&amp;B Product of the Year</b> Zaptec Go</p>	<p><b>Aftenbladet, best home charger</b> Zaptec Go</p>	<p><b>NAF Best in Test 2022</b> Zaptec Go</p>	<p><b>Red Dot Design Award 2022</b> Best product design</p>	<p><b>Red Dot Design Award 2021</b> Best brand and communication design</p>

# Zaptec Pro: When power meets precision

Whether it's a single charging station or a thousand, our system is designed for efficient charging at any scale.


**MID-certified**  
A built-in display provides accurate kWh monitoring. Fully compliant with MID standards.

**Flexible installation**  
With the Zaptec Pro Backplate system, you can install the infrastructure once and add chargers later. Scale from 1 to 1000+ stations at your own pace.

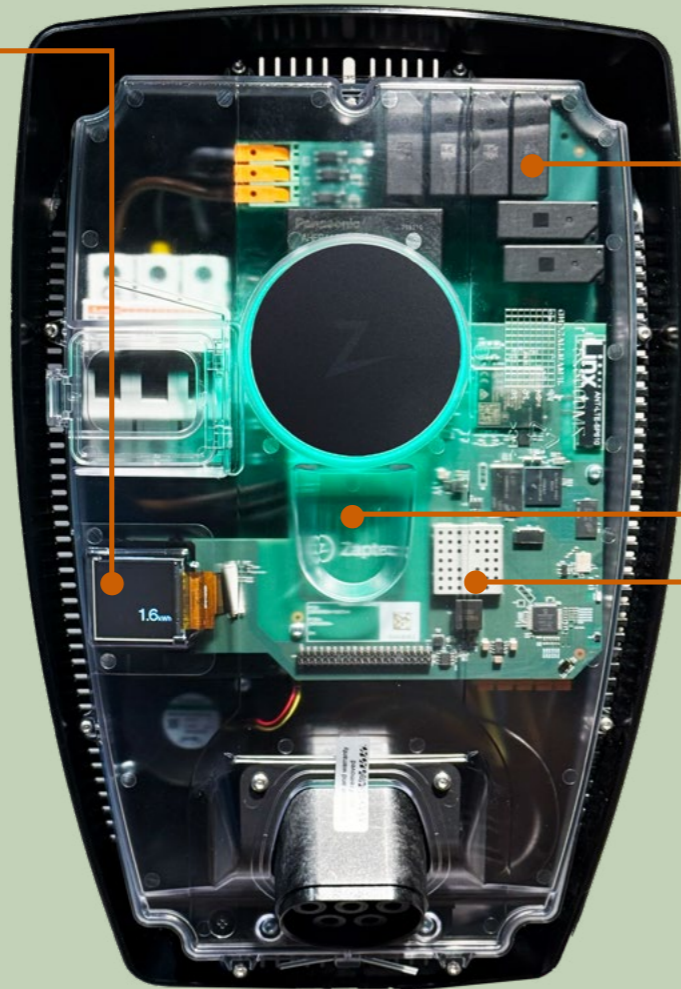
**22 kW**  
Zaptec Pro deliver up to 22 kW, depending on the setup and car, which is the highest power available with AC charging.

**Free management tool**  
Use Zaptec Portal to manage chargers, track usage and update firmware.

**All the support you need**  
Fast answers in our Help Centre, with local and cloud support.

 Made in Norway and Germany with a five-year guarantee.

Find the complete list of product specifications in the product comparison sheet on [page 19](#).




Patented phase and load balancing technology for optimal power use.


API and OCPP 1.6. compatible.  
Plug and Charge - Hardware support for ISO15118.

Always connected through WiFi, PLC or 4G LTE-M\* with over-the-air updates.

\*Coverage varies in countries.

**Market specific product variants:**

 Zaptec Pro with T2S (France)

 Zaptec Pro with M&E (Mess- und eichrechtskonforme) (Germany)



## Zaptec Pro Backplate

The Zaptec Pro Backplate makes it straightforward for apartments, businesses, and car parks to prepare for EV charging. There's no need to install everything at once. Fit the backplate and the main work is done. When you're ready, simply add a Zaptec Pro charger. Expand as you need on your own terms.

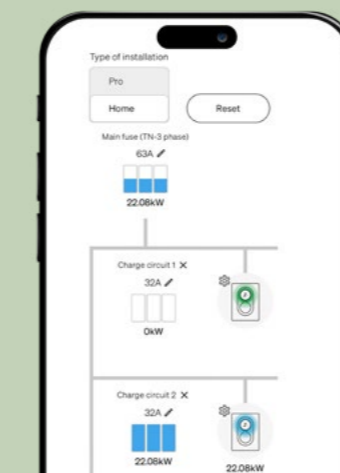
## Zaptec Pro Backplate Cover

We also offer a Zaptec Pro Backplate Cover that protects the backplate when a charger isn't connected. It keeps parking garages and other spaces looking neat and tidy.

# What makes our charging technology unique?



← Tap away to see why it's a game-changer for EV charging over the next decade.



Smart power management starts with load balancing. Our system monitors each charging station and distributes power where it's needed, so nothing is overloaded.

On top of that, we use patented phase balancing. Most buildings have three power phases, but they're rarely used evenly. Zaptec Pro automatically shifts which phase each charger runs on, based on the total power used in the building.

It can also switch between three-phase and single-phase charging. This means three cars can charge at 6 amps each, rather than one car drawing all 6 amps on three-phase. When more power is available, it returns to three-phase for faster charging.

Zaptec Pro is built for extreme weather – snow, rain, wind or sun. Sensors track temperature, overcurrent, residual current, and humidity to keep charging safe. If something isn't right, charging stops automatically.

It meets IEC 61851-1 and IEC 60364 safety standards, comes with a five-year guarantee, and even runs a self-check before every session.

# Zaptec Go: Award-winning home charger


Clean in design and clever in function,  
Zaptec Go simplifies your charging experience.

**Award-winner**  
Awarded No. 1 in Norway and Sweden,  
the gold standard of EV innovation.

**The Zaptec App**  
Schedule and control charging  
with the Zaptec App.

**Fully OCPP compatible**  
OCPP 1.6J and API support  
for seamless integration.

**All the support you need**  
Fast answers in our Help Centre,  
with local and cloud support.

 Made in Norway and Germany  
with a five-year guarantee.

Find the complete list of product specifications  
in the product comparison sheet on [page 19](#).




**22 kW**  
Zaptec Go deliver up to 22 kW,  
depending on the setup and car,  
which is the highest power available  
with AC charging.



Over-the-air updates via WiFi and 4G

**Market specific product variants:**

 Zaptec Go (1-phase) with built-in PEN fault detection

# Zaptec Go 2: Redefining EV charging


Zaptec Go 2 is designed for the future  
we're all driving towards.

**Built on the best of Zaptec Go**  
...enhanced with these features:

**MID-certified**  
A built-in display provides accurate kWh monitoring. Fully compliant with MID standards.


**Supports solar integration**  
Automatically switches between single-phase and three-phase charging.

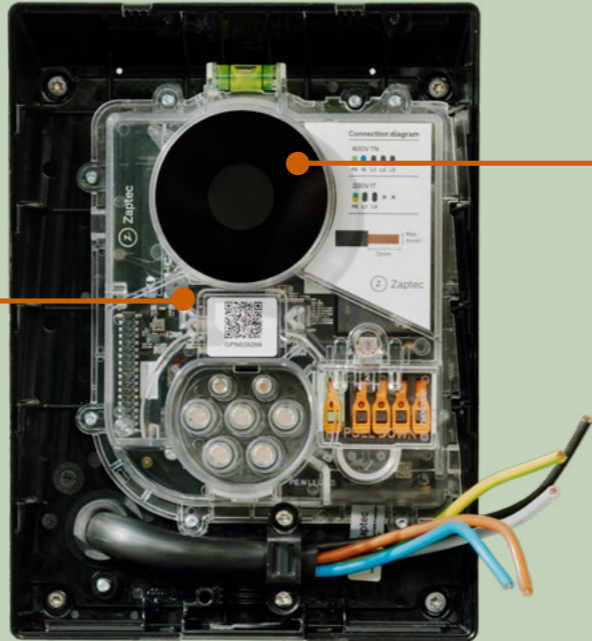
**Improved thermal design**  
Entire backplate made from 100% recycled aluminium. Increased thermal performance from -30°C to +50°C

 Made in Norway and Germany with a five-year guarantee.

Find the complete list of product specifications in the product comparison sheet on [page 19](#).

Market specific product variants:

 Zaptec Go 2 with T2S (France, Italy)



Future-ready for vehicle-to-grid with ISO15118-20 compatibility

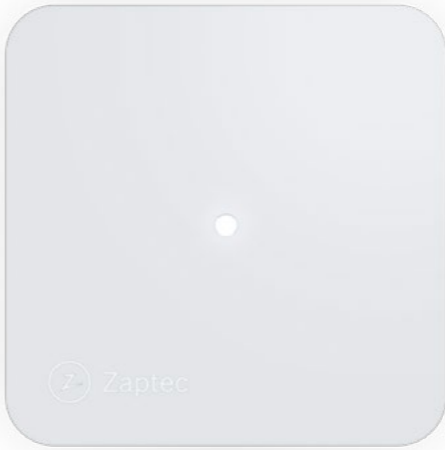


# Load balancing with Zaptec Sense

Plugs into your fuse box, reads your building's energy consumption and regulates charging speed to maximise available power.

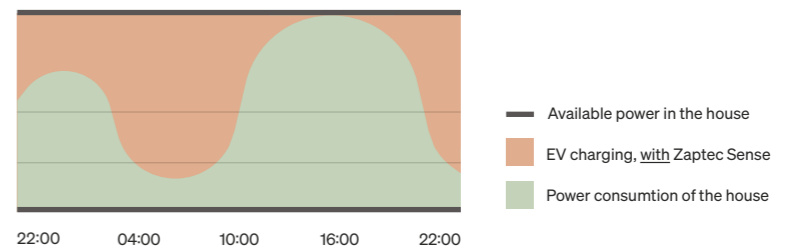
If power availability in your building is limited, an electrician might set your charging station to a lower output to prevent outages.

Zaptec Sense automatically adjusts charging to the available power, so you get efficient charging without the risk of overloading the system.

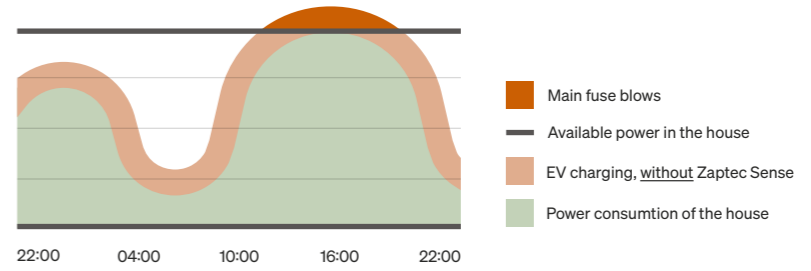


← Yes, this is the actual size.


**With Zaptec Sense,** you can use all the available power on-site for faster, safer charging, even when several electric vehicles are connected at once.




**Without Zaptec Sense,** chargers can't optimise power use, which can lead to higher grid costs during peak hours.



**Market specific product variants:**

 Zaptec Sense with HAN connectivity (Norway and Sweden)

 Zaptec Sense with P1 connectivity (Sweden and Benelux)

# Gateway to the Grid

EVs are energy assets. With bidirectional charging, solar integration, and phase and load balancing, Zaptec helps the grid run cleaner, more efficiently, and at lower cost.

## Vehicle-to-grid →

Vehicle-to-grid, vehicle-to-home, vehicle-to-X – many names, one idea: EVs as part of the energy system. New terms create confusion, but at Zaptec, we focus on V2G because it reveals the potential already built into EVs and the grid.

The key is smart communication. The ISO 15118 standard lets EVs share data with chargers, homes, and eventually the grid, enabling

real-time energy balancing. Instead of just charging, your EV stores energy when it's cheap and feed it back when demand peaks, easing grid strain.

This flexibility makes the power system more stable and less wasteful – and could even mean free charging or earning money. At its core, V2G tackles one of today's biggest energy challenges: managing peak load.

## Dynamic phase and load balancing →

Building owners are often told they need expensive power upgrades to meet EV charging demand. In most cases, that's unnecessary – the real issue is how power is distributed.

Traditional systems assign chargers to fixed phases, overloading some while others stay underused. This imbalance limits how many vehicles can charge at once.

Zaptec Pro's patented dynamic phase and load balancing continuously redistributes power across all three phases in real-time. It adapts to each vehicle's needs, ensuring maximum efficiency with the power already available.

The result? More cars charging at the same time, no costly upgrades, and a future-proof EV solution.



# Digital tools

## Zaptec Portal → Monitors, balances, and optimises charging load with real-time power usage.

- Access the charging history for the entire installation, individual charging stations or users for specific periods.
- Installation owners can restrict charging station access to specific users or open it up for anyone to charge.
- Easily add new users and charging stations and set up the system to match their needs.



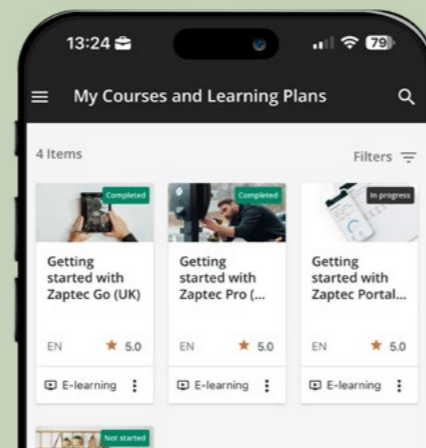
## Zaptec App → A smooth charging experience right in your hand.

- Lock and secure the cable to your charging station – with a single click in the app.
- Choose your circle. Whether it's family, friends or neighbours, you decide who can charge.
- Quickly view your charging history, a convenient feature for tracking your energy usage.

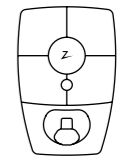
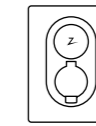
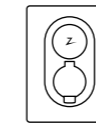


## Zaptec Academy → The mobile digital learning platform you can access 24/7.

- Courses are available on both mobile and desktop, with full flexibility and self-paced progress
- Track your learning and monitor your team's development from one place
- Earn official Zaptec certification and ensure better, more efficient installations



# Product comparisson chart



Product name	Zaptec Go	Zaptec Go 2	Zaptec Pro
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## Charging

Type 2 connector (22kW)	●	●	●
Permanent cable lock	●	●	●
RFID authorisation	●	●	●
Multi-colour LED indicator	RGBW LED	RGBW LED	RGBW LED
Adjustable LED brightness	●	●	●
Scheduled charging	●	●	●
Display screen	-	Backlit IPS LCD	Backlit IPS LCD

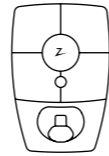
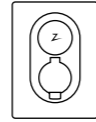
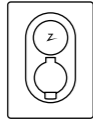
## Physical Design

Design	One piece	One piece	Backplate + charging module
Size (w x h x d)	178 × 239 × 73mm	178 × 239 × 73mm	258 × 392 × 112mm
Weight	1.3kg	1.6kg	5kg (incl. backplate)
Shipping weight	2.1kg	2.4kg	5.65kg
Cover colour	● ● ● ● ● ●	●	●
Ingress protection	IEC 60529 IP54	IEC 60529 IP54	IEC 60529 IP54
Impact protection	IEC 62262 IK8	IEC 62262 IK10	IEC 62262 IK10
Flammability rating	IEC 60695-1-10 UL94 5VB	IEC 60695-1-10 UL94 5VB	IEC 60695-1-10 UL94 5VB
UV resistant	●	●	●
Operating temperature	-30°C to +40°C	-30°C to +50°C	-30°C to +50°C
Maximum altitude	2000m	2000m	2000m
Tamper detection	● [UK 7kW only]	●	●

## Electrical

Network type	TN/TT/IT, 1 or 3 phase	TN/TT 1 or 3 phase, IT 1 phase [3 phase planned 2025]	TN/TT/IT, 1 or 3 phase
Load management	Up to 3 chargers	Up to 3 chargers	Any number of chargers
1/3-phase switching	-	●	●
Dynamic phase balancing	-	-	●
Cable size	1.5 – 6mm <sup>2</sup>	1.5 – 6mm <sup>2</sup> [1.5-10mm <sup>2</sup> planned]	2.5 – 10mm <sup>2</sup>
Built-in RCD	RDC-DD, 6mA (DC) independently tested to IEC 62955	RDC-DD, 6mA (DC) fully compliant with IEC 62955. Also applies to Zaptec Go EU.	Type B independently tested to IEC 62423
Built-in MCB	-	-	40A C-curve Lovato P1MB3PC40
Built-in PEN fault detection	● [UK 7kW only]	-	-
Built-in metering	*3% Factory calibrated to meet the accuracy requirements, but not certified, of a Class B active electrical energy meter (calibrated version only)	MID Class B certified EN 50470-1: 2006, EN 50470-3: 2006	MID Class B calibrated
Standby power	2W	2.5W	5W
Built-in surge protection	4kV / 10kA	4kV / 10kA	4kV / 10kA
Protection class	Class I	Class I	Class I
Overvoltage protection	Category III (4kV, 6kV imp)	Category III (4kV, 6kV imp)	Category III (4kV, 6kV imp)
Contact welding detection	●	●	●

# Product comparison chart



Product name	Zaptec Go	Zaptec Go 2	Zaptec Pro
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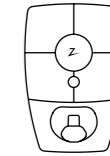
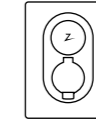
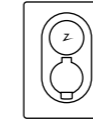
## Communication

Bluetooth configuration	Via Zaptec App	Via Zaptec App	Via Zaptec App
Remote management	Via Zaptec cloud	Via Zaptec cloud	Via Zaptec cloud
PIN access control	●	●	●
Encrypted communications	●	●	●
Secure boot	● [implemented as of January 2025 – currently UK 7kW only]	●	●
Encrypted firmware	● [implemented on all Zaptec Go chargers as of January 2025 – currently UK 7kW only]	●	●
4G LTE-M modem	●	-	●
4G LTE Cat 1 modem	-	●	-
Custom SIM provisioning	-	-	-
Wi-Fi 2.4GHz network	●	●	●
PLC HomePlug network	-	-	●
Wi-Fi – PLC network bridge	-	-	●
OCPP 1.6J (cloud)	●	●	●
OCPP 1.6J (native)	●	●	[planned]
OCPP 2.1 (native)	-	[TBC]	[TBC]
ISO 15118 support	-	●	●
ISO 15118-20 (V2G)	-	[planned]	-
Over-the-air updates	●	●	●
External power curtailment	-	-	-
Solar integration	[planned]	[planned]	-
ISO 14443 RFID	MIFARE Classic & DESFire	MIFARE Classic & DESFire	MIFARE Classic
IEC 15693 NFC	-	-	-
GPS location	-	-	-
Support for Matter IoT	-	-	-
Support for IFTTT IoT	-	-	-
Support for Apple Home	-	-	-
Support for Google Home	-	-	-

## EEE

Product weight	1.3kg	1.6kg	3.5kg (excl. backplate)
Battery included	Yes	No	Yes
Battery Style	built in	not applicable	built in
Battery type	BR2032	not applicable	BR2032
Battery capacity	200mAh / 0.6Wh	not applicable	200mAh / 0.6Wh
Battery weight	2.6g	not applicable	2.6g
Battery technology	Lithium polymer	not applicable	Lithium polymer
Dangerous Good Class	not applicable	not applicable	not applicable
UN Number	UN3091	UN3091	UN3091
Battery Product Sheet	<a href="#">Link</a>	-	<a href="#">Link</a>

# Product comparison chart



Product name	Zaptec Go	Zaptec Go 2	Zaptec Pro
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## Compliance

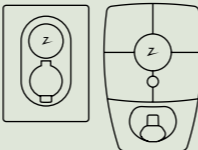
EN EC 61851-1:2019 EVSE mode 3	●	●	●
EN IEC 61851-21-2:2021	●	●	●
IEC 61439-1:2011	●	●	●
IEC 61439-7:2020	●	●	●
EN 62423: 2012+A11:2021+A12:2022	-	-	●
EN 60898-1:2019	-	-	●
IEC 62955:2018	●	●	-
EN 62311:2008	●	●	●
EN 301 489	●	●	●
EN 301 328	●	●	●
EN 301 330	●	●	●
EN 301 908	●	●	●
EN IEC 63000:2018	●	●	●
EN 50470-1: 2006	-	●	●
EN 50470-3: 2006	-	●	●
RED 2014/53/EU	●	●	●
LVD 2014/35/EU	●	●	●
EMCD 2014/30/EU	●	●	●
ROHS 2011/65/EU	●	●	●
EN 18031:2024	●	●	-
Measuring Instruments Directive 2014/32/EU	-	●	●
UK Electric Vehicles (Smart Charge Points) Regulations 2021 Cyber Security (Schedule 1)	● [UK 7kW only]	●	●
BS 7671:2018+A1:2020 722.411.4.1 (iv) PEN fault	● [UK 7kW only]	-	-
UK OZEV grant scheme egibile	●	●	●
UK OZEV Workplace Charging Scheme	[TBC]	[TBC]	[TBC]
UK Electromagnetic Compatibility Regulations 2016	●	●	●
UK Electrical Equipment Safety Regulations 2016	●	●	●
BS 8300-1:2018	[TBC]	[TBC]	[TBC]
WEEE directive	●	●	●
CE label	●	●	●
EV Ready 1.4	-	-	-
MID Module B+D compliant	-	●	●
Eichrecht compliant	-	-	● [M&E only]
Avanir reporting	-	-	●
Socket shutters	-	[planned]	● [T2S only]

# Accessories

Discover the complete range of accessories for Zaptec Go, Zaptec Go 2 and Zaptec Pro. Each crafted to enhance your charging experience.

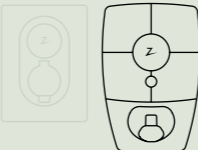
## Zaptec Charging Cable

Available in:  
 - 3-phase, 1-phase  
 - 7,5 meters, 5 meters



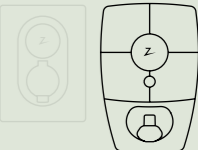
## Zaptec Pro Backplate

Once the backplate is installed, the main infrastructure work is complete – when you're ready to add a charging station, simply fix the Zaptec Pro on to the backplate.



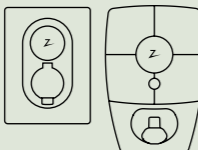
## Zaptec Pro Backplate Cover

The Zaptec Pro Backplate Cover is designed to protect Zaptec Pro backplates installed without an immediate Zaptec Pro charger connected.



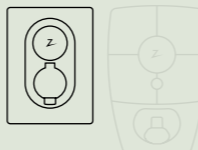
## Zaptec Chill

A robust and durable cable holder.



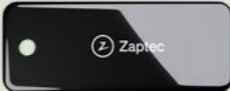
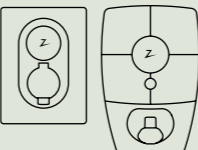
## Zaptec Go & Zaptec Go 2 Front Cover

- Asphalt Black
- Cloud White
- Moss Green
- Midnight Blue
- Wood Brown
- Rock Grey



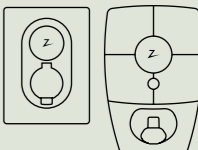
## Zaptec RFID

A charging key with a unique code for easy identification and management at locked Zaptec charging stations via the Zaptec Portal or App.



## Zaptec Column

Columns come as single and double.



From Norway  
to everywhere →

**Zaptec International**  
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---

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