



The charger designed  
for housing associations,  
apartments and co-ownership  
properties



# Utilise power more efficiently



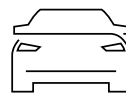
We have installed Zaptec Pro chargers for 88 cars. I recommend Zaptec to anyone planning electric car charging!

**Ottar Helland, Chairman i Tjensås III**

Charging your car with Zaptec means that you are using the safest charging system on the market. You avoid expensive investments as we utilise power up to 66 per cent better than other options available on the market.

This means that the charging system can charge more electric cars than other charging solutions, with faster charging speeds.

## CHARGING STATISTICS



**2 hours** – the time an electric car charges for on average per session



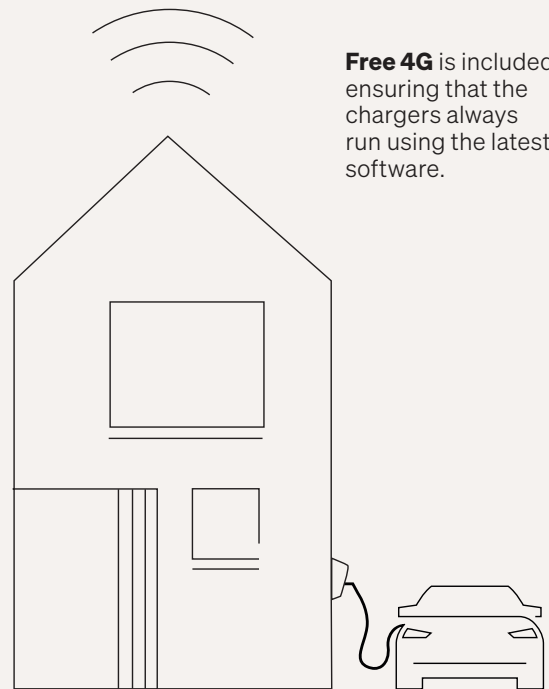
**11 hours** – the average time an electric car is connected to the charging station per day



**Only 10 %** – the average time an electric car is connected to the charging station per day

## Advantages of using Zaptec chargers for housing associations, apartments and co-ownership properties

- **Continuous monitoring** of the chargers by built-in heat sensors.
- The charging system is quick to install and entails lower **installation costs**.
- Safety first - all chargers are equipped with **dedicated circuit breakers**.
- **Additional charging** stations can easily be added as more people choose electric cars.
- Reduce **electricity bills** for the apartment building and avoid demand tariffs.



**Free 4G** is included, ensuring that the chargers always run using the latest software.

### No administration on the part of the board

If necessary, you can establish a fair payment solution that will not require any time and resources on the part of the board when it comes to billing. This can be done automatically using the Charge365 solution or you can choose to do it yourself at no cost using Zaptec Portal.

### Zaptec allows you to put safety first

The objective is simple: No people will be injured and no cars or property will be damaged using our chargers. We have high standards with reputable third-party approval from the German company TÜV Süd. This means that we minimise the risks associated with electric car charging, such as fires and electric shock.



Nothing is hidden!

The reason why we dare to recommend Charge365 is that there is nothing hidden in the contract. This makes it safe for us to sell the product with a clear conscience,”

**says Project Manager Andreas Haugland from Rønning Elektro when speaking about Zaptec and Charge365 as a payment solution for electric cars.**



## Get a charging solution that will help you for at least ten years into the future

Chargers used for housing associations, apartments and co-ownership properties are not just any chargers. They need to be able to withstand loads while also assisting the housing associations, apartments and co-ownership properties by keeping down grid rent.

### **No overload. Better stability.**

Combined with improved power utilisation and faster charging speeds, you get the best and most efficient protection on the market for the main circuit breaker in the building. The charging system will never overload the circuit breaker. This provides stability for residents and the available power is distributed smartly to anyone wishing to charge.

### **Simpler installation**

We know that time is costly. We therefore want to make both installation and usage as painless as possible for you. Everything from the physical components to the cloud-based access has been carefully considered to ensure that installation can be performed as quickly and easily as possible. The electrician saves time and you get electric car charging in place quickly.

### **Minimal maintenance**

The charging system is connected to the internet via WiFi, 4G or cable (PLC), which means that troubleshooting and upgrades can be performed remotely and usually without needing an electrician to come out.

### **Help if you get stuck**

Our customer service team is available to help you 24/7 if you require assistance. We can also help with the day-to-day operation of the charging system. As we know our products best, we can provide answers quickly when needed.

### **Expected service life of more than 10 years**

Our chargers have been developed and manufactured in Norway, for Norwegian conditions. The charging stations are equipped with high-quality components and advanced safety devices that are able to withstand high levels of current. A five-year warranty is included.

### **World-class safety to avoid fire hazards**

We take safety seriously. Among other things, our charging stations are equipped with integrated circuit breakers, which are required by the international IEC 61851 standard. Compliance with this standard is a requirement for delivering electrical installations in accordance with NEK400, the standard all electricians work by. We also always ensure that the products we offer are supplied with third-party approval from the German company Tüv Süd, which provides best-in-class safety inspections.

### **Free-of-charge portal gives you an overview**

You will have free access to the cloud service Zaptec Portal. Here you will be able to retrieve consumption overviews and your charging history, as well as viewing statistics and managing access. This allows the board to independently operate the electric car charging system at no cost and ensure fair charges for residents.

### **The board can also opt to use the payment and operating service**

The Charge365 payment and operating service provides you with a complete charging package. You can be confident that costs are allocated simply and fairly, while day-to-day operations are also taken care of. Our chargers are also supplied with support for several other payment services.

### **Pay for what you use**

Each charger is equipped with a built-in energy meter. This means that housing associations, apartments and co-ownership properties can gain an overview of consumption for each resident. This makes it easy to allocate the costs to those who actually charge their cars.



## Checklist for housing associations, apartments and co-ownership properties that are considering installing chargers at their parking facilities

- Choose a charger that utilises the available power in the building and that will provide more electricity for charging when residents use less power in the building as a whole.
- Remember that it costs money to run the charging system. If the charging system lacks useful features and cannot be developed in line with your electric car charging needs, this could become a cost issue later.
- Choose a charger that takes demand tariffs and power peaks into account if the housing association or apartments are looking to save money on electricity bills.
- Choose a charger that can be connected to the internet. This will provide you with new software updates and the internet connection also makes it possible to locate and fix any issues in individual chargers without having to call out an electrician.
- Choose a charger that gives you an overview of consumption. A good charging system can provide details of how much each charger has been used.



We chose Zaptec after conducting a comprehensive assessment. The charger is user-friendly, suitable for all vehicle types and power is distributed evenly between all electric cars 24/7. The rapid connection of new charging boxes has also been facilitated. Everything works very well and we have not had a single complaint from our residents. Everyone is very happy with the new system.

**- Eigil Harstad, Chairman of the Board.  
Bjergsted Terrasse**



“I would probably not have ended up with an electric car if I didn't have the opportunity to charge at home so easily,” says resident Stina Rytter Norheim (left). Chairman of the Board Eigil Harstad can be seen on the right in the picture.

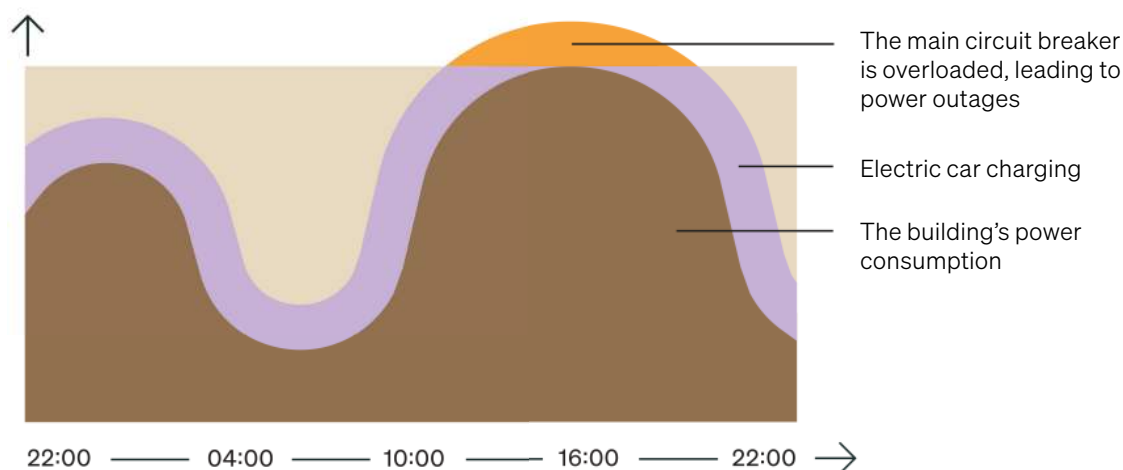
**Use Zaptec Sense to ensure that you charge electric cars in the most cost-effective manner.**

Zaptec Sense automatically adjusts the charging speed in your building. When you are using less power, the charging speed increases, allowing you to charge your car even more quickly, even charging multiple cars at once. If power consumption is high, Zaptec Sense will reduce the power used for electric vehicle charging to avoid overloading.

Zaptec Sense ensures even more power for electric vehicle charging than normal. You can charge more quickly and you can charge multiple vehicles at the same time, completely automatically.

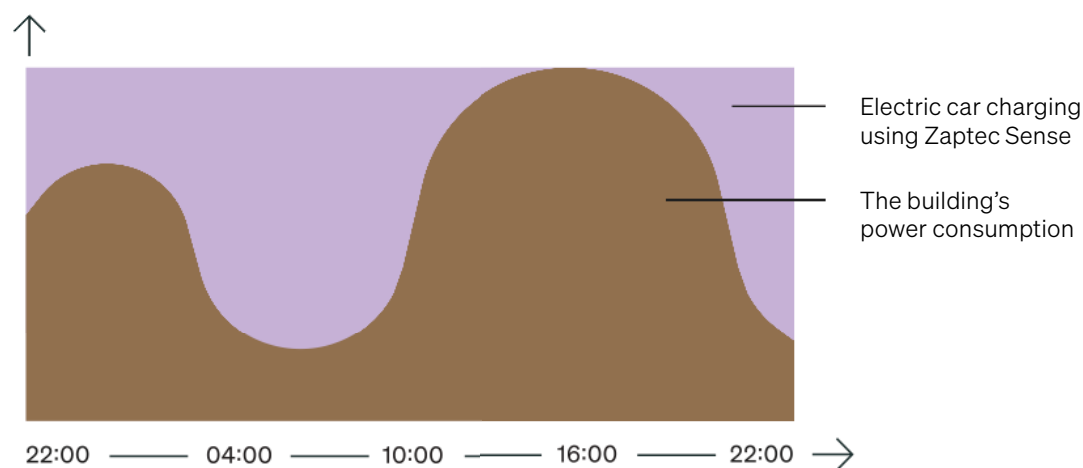


Zaptec Sense is small but smart and is placed inside the fusebox.



**Charging without Zaptec Sense:**

The electric car charger is unable to utilise the power capacity. When general consumption levels are high in the building, such as during the afternoon and evening, electric car charging will be in addition to total consumption. This can lead to higher grid rent, as a new demand tariff is applied.



**Charging using Zaptec Sense:**

With Zaptec Sense, you will have the opportunity to utilise all available power at the premises. This means faster and safer charging or being able to charge multiple electric cars at the same time.

- █ Norwegian quality.
- █ Norwegian product.

Zaptec is a Norwegian company that manufactures chargers in Norway. The housing association charger was the first electric car charger developed by Zaptec, in 2017. Since then, Zaptec has become the market leader for charging at housing associations, apartments and co-ownership properties.

The product has been designed especially to meet the future challenges that will be faced by housing associations, apartments and co-ownership properties as more and more residents choose electric cars and want to charge at home.

