

Elektra
B A L A N C E



THUNDER Family

Feel like at home in era of e-mobility future



THE FUTURE OF LIFE IS CREATED THROUGH INNOVATION

The beginning of the 21st century has not only marked the beginning of the new millennium, the past 19 years have also significantly changed society's view of the use of natural resources and climate impacts.

The key elements in this are not only passenger cars, but also buses and logistics fleets. Renewable energy-driven electromobility is one of the main factors in reducing CO₂ emissions for a more sustainable way of transporting people and goods.

Extensive production of renewable energy sources, extensive digitization together with today's incredible speed of global innovation, they are the driving force for the effective development of mobility.

A new field of opportunity opens up for established players and innovative start-ups.

Today's fossil fuel-focused ecosphere is being replaced by a network of electricity generation and distribution, maintenance of decentralized assets and digital services.

Basically - in addition to the electric vehicle - it all starts with the right charging hardware for everyday life.

Charging hardware that gives you convenient use, timeless design and all the solutions and connectivity you need. It gives you certainty a sustainable future.

CHARGING LIFE

Providing a charging infrastructure will not only attract individuals, but will define the relationship and how strong the link between businesses and consumers will be in the future.



Houses / Flats / Apartment buildings



The perfect place to charge an electric vehicle. When you are sleeping the battery is charging. When you are relaxing at home the battery is charging. No worries about safety just plug and charge.



Accommodation (Hospitality)

Great match for your existing offering. The more and more guests are coming with electric vehicles and they are looking for additional offer like car charging. Be trendy.



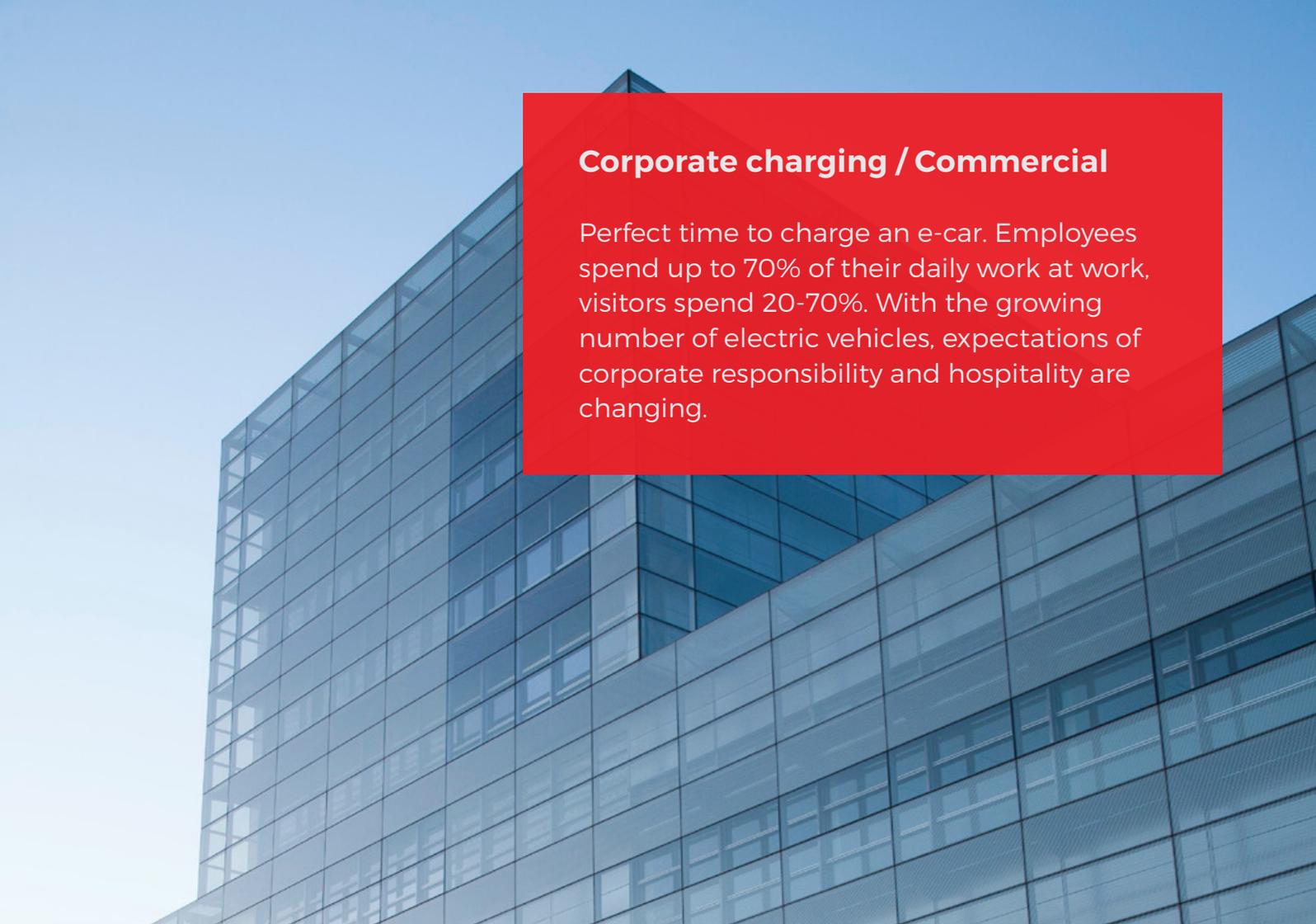
HOTEL

RESTAURANT
PARKING GARDE

CHAMBRE

1 personne 45.00€
2 personnes 70.00€

CANAL



Corporate charging / Commercial

Perfect time to charge an e-car. Employees spend up to 70% of their daily work at work, visitors spend 20-70%. With the growing number of electric vehicles, expectations of corporate responsibility and hospitality are changing.



Public parking / Municipalities

So far, drivers have only been looking for a safe and convenient place to park their car. Now charging options are becoming a whole new motivation to visit a parking space or spend a little more time in the city.

COMFORT AND SAFETY IS OUR MOTO

THUNDER embodies everything that is synonymous with Elektra:
decades of experience, solid technological knowledge and passionate ingenuity.



PERFORMANCE AND FEATURES

Authentication	RFID card (ISO 14443) and MIFARE (Ultralight or Classic) authentication
Display	3.2" inch display
Charging process	Compliant with IEC 61851 charging current regulation 1 x IEC 62196 tip 2, 22 kW each
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Load balancing	Multipoint dynamic load balancing
Energy meter	Connected Class 1 EV energy meter

CHARGING POINTS

Charging current	32 A on a single charging point, ACD (automated current consumption detection)
APS	Automatic power distribution system
Safety	Charging standard IEC 61851 Type 3

MECHANICAL PARAMETERS

Dimension, weight	446 x 180 x 160 mm, 12 kg
Installation	Attached to the wall or stand alone stand
Ambient condition	Temperature from -25°C to 50°C, degree of protection IP 54
Surge protection	Standard EC/EN 61643-11

ACCOUNTING

Payments	Payment terminal for credit and debit card processing (simple swipe and charge user experience)
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CONNECTIVITY

Remote maintenance and possibility to upgrade	Cloud-based monitoring and management and OCPP protocol support
Integrated IT system	GPRS, UMTS, LTE-NB
Communication protocol	OCPP 1.6 and OCPP 2.0, CAN
Interface	An intuitive web and mobile app interface to control, monitor, and configure one or more charging stations

Create your own Thunder

We are living in the world of changes and everybody wants to be unique. Everybody has his own needs and thoughts. So don't waste your time and create your own Thunder with choosing particular features.

Connectivity and communication (COM)

You can spend your time for your hobbies/core business while you are connected and checking your charging station via remote or mobile access. All data are available for you to check and make several reports.

Identification and access (ID)

There are many situations in our lives when we need to adopt. Adoptions became our normal life. Simple and secure feature enable to create charging permissions lists and manage users easily and remote.

Payments (PAY)

How many times does it happens, you don't have coins with you? Choose a payment with a debit or credit card and don't look for coins and banknotes in your wallet anymore. Simplify your life and experience. Your clients want innovations.

Choose your colour and label

Individual approach enables you to choose a colour of your charging station, which could be complementary to your home ambient, corporate rules... and put your label on it to be unique.



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