

THE NEXTEN ELECTRIC VEHICLE CHARGERS



ERMAFA ENVIRONMENTAL TECHNOLOGIES GmbH

1110 Vienna, 2. Haidequerstraße 1-3 / Object 36, ATU73627514, FN: 487982x, office@next-en.at

We offer high-end charging stations for electric cars, electric buses and commercial vehicles **from 22 AC** (alternating current) **to 500 kW DC** (direct current).

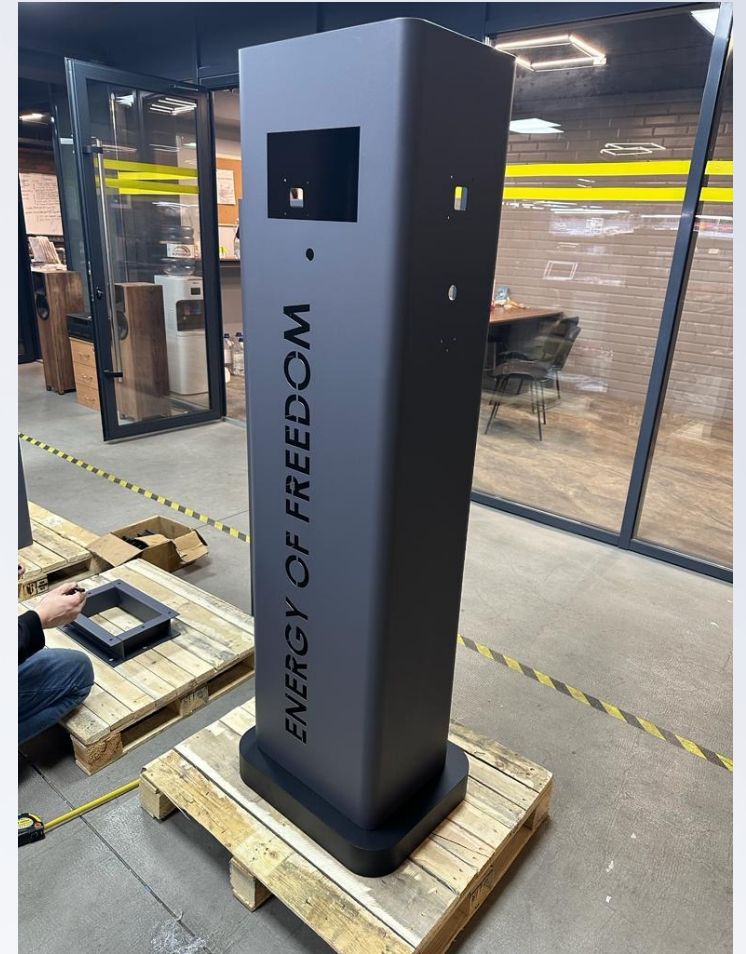


NEXTEN produces charging stations with a capacity of 22 to 500 kW with various plug types: Type 1, Type 2, CHAdeMO, CCS, GB/T. These enable a battery charge of 80% in only 20-40 minutes.

Charging stations can be installed in car parks of shopping and office centres, supermarkets, hotels and restaurants, at petrol stations or highway service stations.

Advantages of the NEXTEN EV charging stations:

- European components
- Possibility to quickly increase station's power
- Support of OCPP for back office integration
- Individual protection of each controller with a current fault detection circuit and alarm signaling
- Equipped with a payment terminal (optional)



BUILT-IN PROTECTION SYSTEMS

- Automatic short circuit protection
- Overload protection
- Current leakage control and monitoring
- Dust and splash protection (IP 54)



UNINTERRUPTED WORK

- Resistant to temperature fluctuations
- Operating temperature range from -35°C to +55 °C
- Remote controlled operation
- Remote-Software-Update



VANDAL RESISTANCE

- Anti-vandal housing
- Information display with protective glass
- Reinforced cables and charging plugs to withstand high loads
- Reinforced fastening elements





COMPATIBILITY WITH VARIOUS MANAGEMENT SYSTEMS

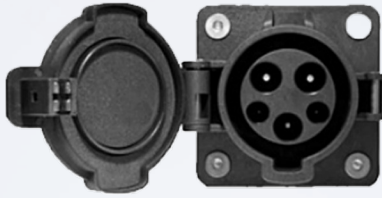
Supports the OCPP 1.6 (open charge point protocol) which allows the connection with modern billing systems.

EASY INTEGRATION

The NEXTEN charging station can effortlessly be integrated into any charging station network.

INTEGRATED BILLING

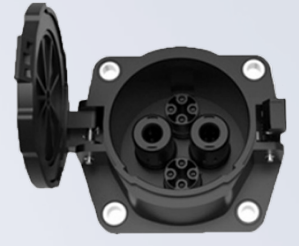
NEXTEN charging station is already prepared to be supplied with a self-developed built-in Cloud Pay billing system.



Output: **AC TYP1**
1 phase
Power output **up to 7.2 kWh**



Output: **AC TYP2**
3 phases
Power output **up to 22 kWh**



Output: **DC CHAdeMO**
Power output **up to 160 kWh**



Output: **DC GB/T**
Power output **up to 160 kWh**



Output: **DC CCS2**
Power output **up to 500 kWh**

MODEL RANGE

Our experienced team will advise you individually and exclusively in the selection of the right model.



NXT-P-22 kW,
NXT-P-44 kW



NXT-40 kW-500 kW



NXT-W-22 kW,
NXT-W-44 kW

DC CHARGING MODULES



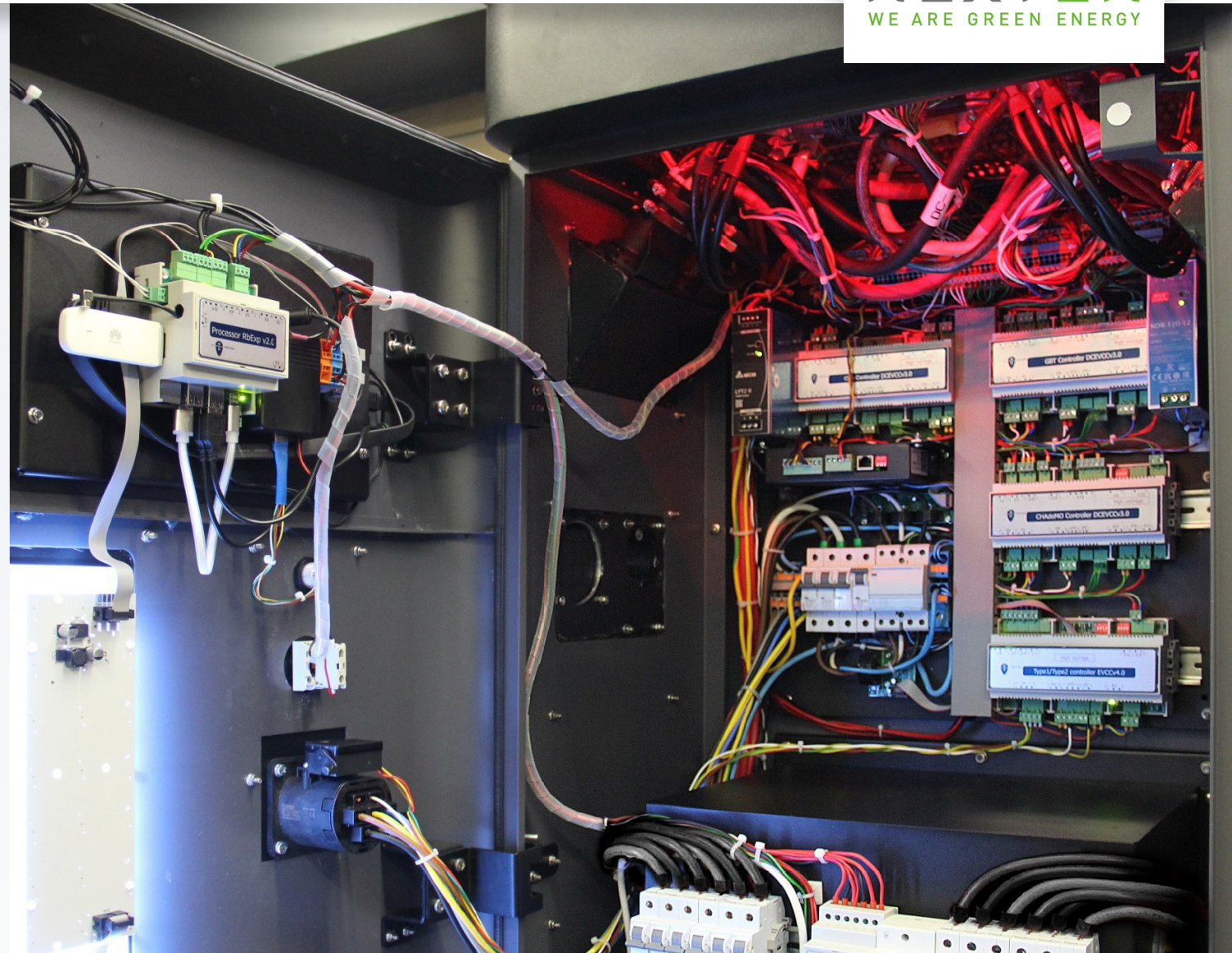
Powerful 40 kW modules with 96% efficiency are used to supply a direct current with a power output of **40-500 kW**.



MODULES POWER
40 kW

MODULES EFFICIENCY
up to
96%

EVC CAPACITY
upt o
500 kW

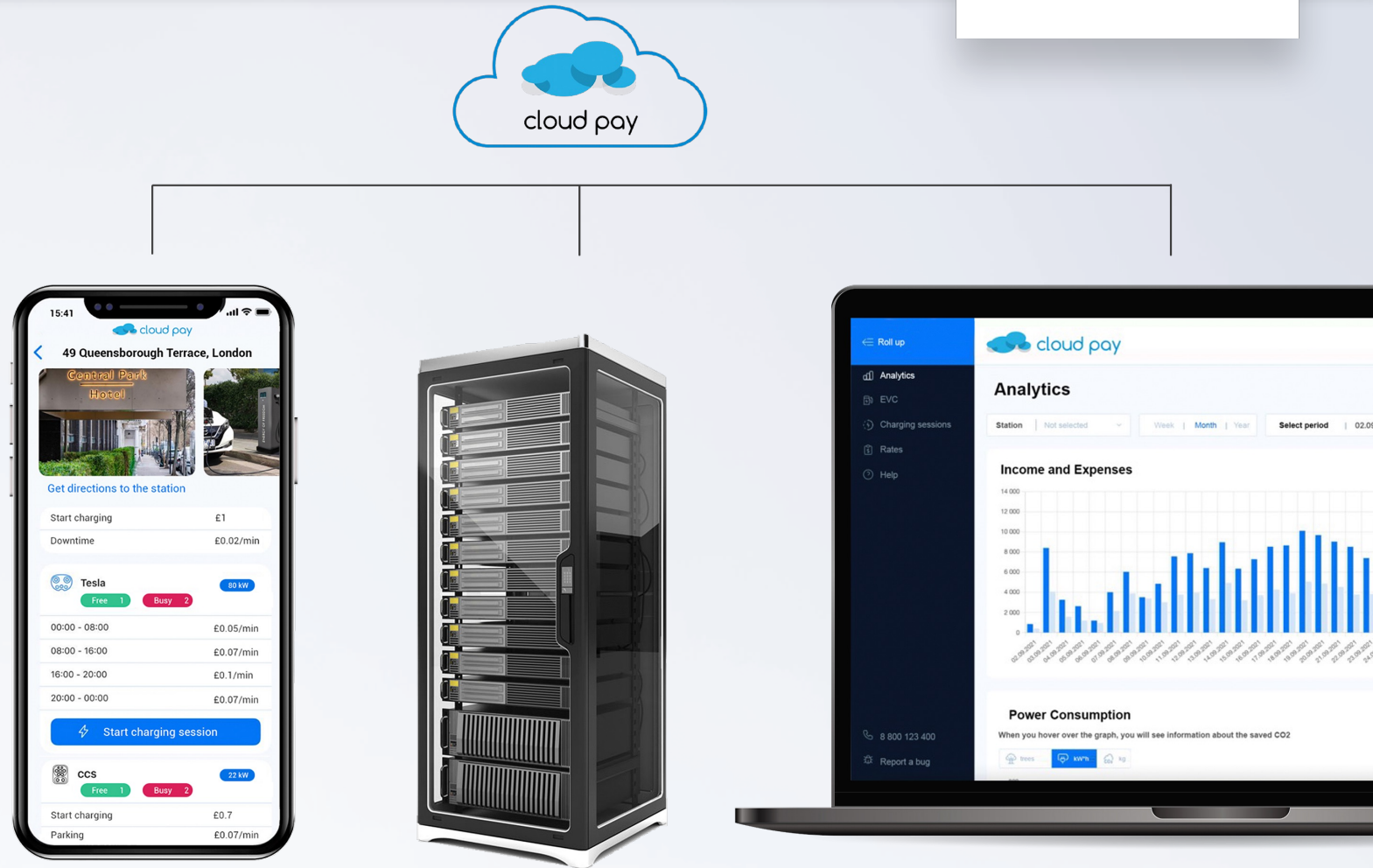


ERMAFA ENVIRONMENTAL TECHNOLOGIES

www.next-en.at | www.ermafa.at | office@next-en.at

Payment is made via our Cloud Pay service, a modern alternative to RFID and card payment systems.

- Easy to install and use
- Support of client payments with any modern smartphone
- Flexible deposit/withdrawal system
- Reliability provided by cloud architecture and modern encryption methods
- Built-in billing system





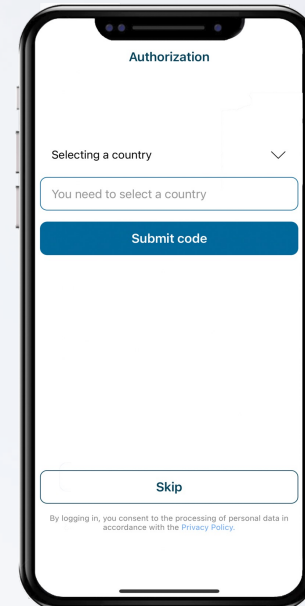
1

Entering the
phone number
on the charger
display



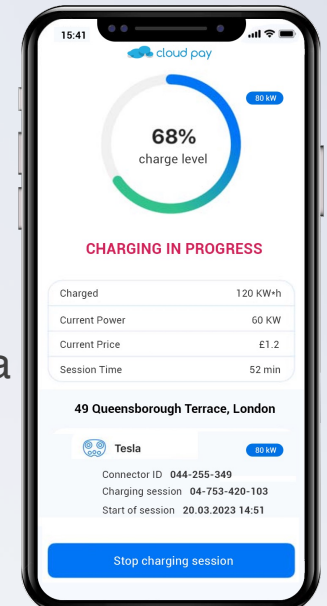
2

Cloud Pay transmits
a verification code
via SMS



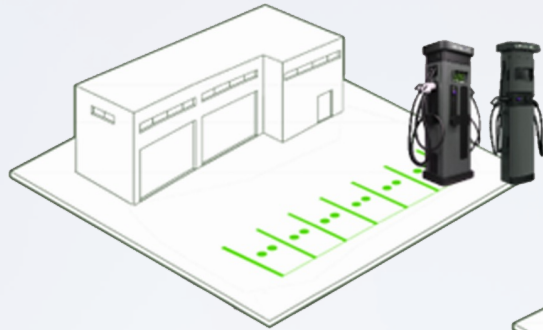
3

Control of the
charging process via
the app

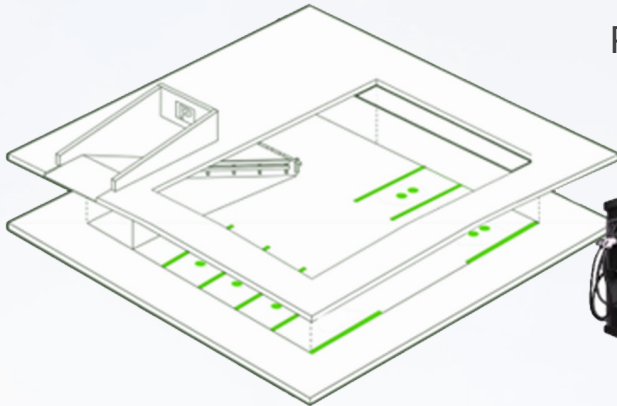


INSTALLATION SITES

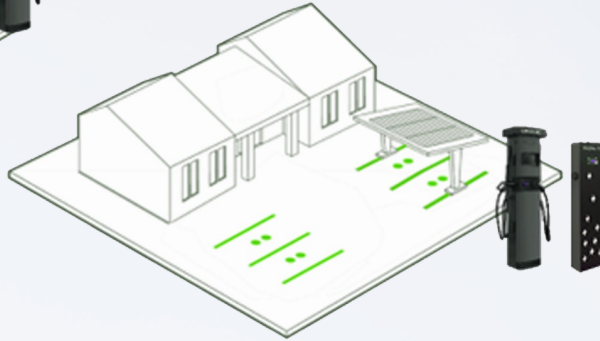
Taxi companies and car rental services



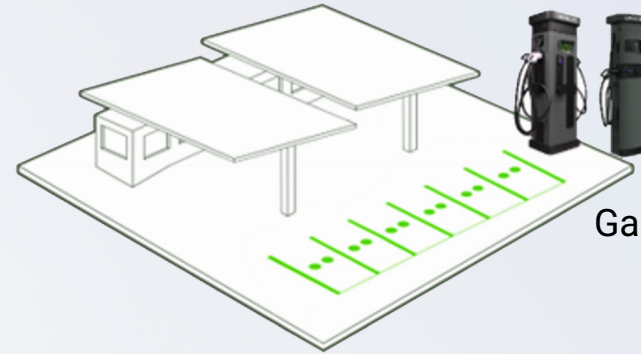
Parking lots of supermarkets and shopping centers



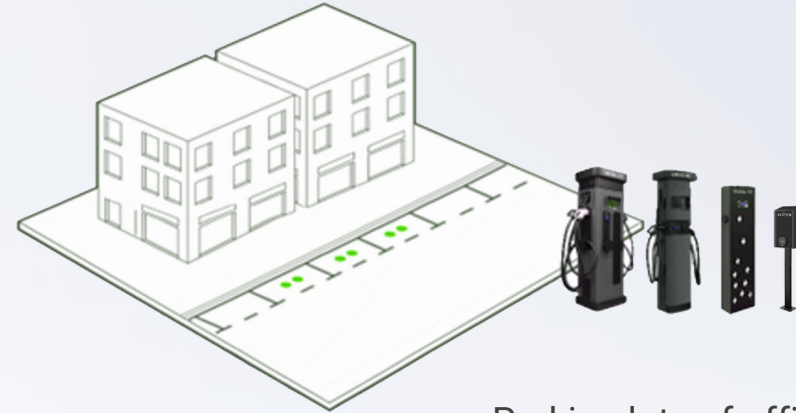
Parking lots of restaurants, sports and country complexes



Gas stations



Parking lots of offices and hotels





NXT - 40kW-500kW

- Up to 98% Efficiency
- 4 connectors in operation at the same time (3 DC and 1 AC) *
- Liquid cooling cables*
- Support: V2G, Plug and Charge,
- 3-year warranty (with the possibility of extension)
- 24/7 support, remote software update/status monitoring*
- DC cables: CSS Combo1, CSS Combo2, CHADEMO, GB/T*
- AC cables: Type1, Type2, GB/T 1F, GB/T 3F*
- AC sockets: Type2, GB/T 1F, GB/T 3F *
- Connection, to choose from: 3G/LTE/WIFI/LAN/RFID/ USB /PIN/QR*
- UV-resistant powder coating, illumination
- Tactile anti-vandal display 10"
- Open Charge Point Protocol OCPP 1.6, 2.0*
- Anti-vandal stainless steel housing*
- Operating temperature range from -35°C to +55 °C
- Personal design, branding*
- Compliance : CE, UL, CB EnergyStar, MID (energy meter) *

* - optional

NXT-P-22, NXT-P-44

- Simultaneous charging of up to 2 cars
- 3-year warranty (with the possibility of extension)
- 24/7 support, remote software update/status monitoring*
- AC cables: Type1, Type2, GB/T 1F, GB/T 3F*
- AC sockets: Type2, GB/T 1F, GB/T 3F*
- Connection: 3G/LTE/WIFI/LAN/RFID/USB/PIN/QR*
- UV-resistant powder coating, illumination
- Tactile anti-vandal display 7", 10"*
- Open control protocol OCPP 1.6, 2.0
- Anti-vandal stainless steel housing*
- Operating temperature range from -35°C to +55 °C
- Personal design, branding*
- Compliance: CE, UL, CB EnergyStar, MID (energy meter)*

* - optional



SPECIFICATIONS

No	Model	Power, kW	Connector types	Output power, kW	Network Connection/ Management	Display size
1	NXT-500	500 kW DC	1 CCS2 cable with liquid cooling + 1 MID meter DC	500 kW	WIFI/PIN/USB	10"
2	NXT-400	400 kW DC	1 CCS2 cable with liquid cooling + 1 MID meter DC	400 kW	WIFI/PIN/USB	10"
3	NXT-300	300 kW DC	1 CCS2 cable with liquid cooling + 1 MID meter DC	300 kW	WIFI/PIN/USB	10"
4	NXT-160	160 kW DC	1 cabel CCS2 + 1 MID meter DC	160 kW	WIFI/PIN/USB	10"
5	NXT-120	120 kW DC	1 cabel CCS2 + 1 MID meter DC	120 kW	WIFI/PIN/USB	10"
6	NXT-80	80 kW DC	1 cabel CCS2 + 1 MID meter DC	80 kW	WIFI/PIN/USB	10"
7	NXT-50	50 kW DC	1 cabel CCS2 + 1 MID meter DC	50 kW	WIFI/PIN/USB	10"
8	NXT-40	40 kW DC	1 cabel CCS2 + 1 MID meter DC	40 kW	WIFI/PIN/USB	10"
9	NXT-P-44	2x22 kW AC	2 x Type2 + 2 MID meters AC + LTE-Modem + RFID + NFC	2x22 kW	WIFI/PIN/USB	7"
10	NXT-P-22	22 kW AC	1 x Type2 + 1 MID meter AC + LTE-Modem + RFID + NFC	22 kW	WIFI/PIN/USB	7"

SPECIFICATIONS

No	Name of optional equipment	Product line	Functions of the optional equipment
1	+ 1 CCS Connector to 240KW	NXT-40kW-500kW	Standard length(3,9m) cable with the ability to charge +1 EV
2	+ 1 GB/T Connector to 240KW		Standard length(3,9m) cable with the ability to charge +1 EV
3	+ 1 CHADEMO v1.1 Connector to 50KW		Standard length(3,9m) cable with the ability to charge +1 EV
4	+ 1 CHADEMO v2.0 Connector to 240KW		Standard length(3,9m) cable with the ability to charge +1 EV
5	+ 1 Type2 Connector		
5	+ Socket Type2 22kW		
6	LTE Modem	NXT-40kW-500kW NXT-P-22 NXT-P-44	Modem for remote monitoring and control of the charging station and the charging process
7	RFID + NFC		Payment card and mobile device reader
8	MID Meter		DC
9	MID Meter		AC
10	+1m cable	All models	
11	Additional connector with liquid cooling from 240 kW	NXT-300kW-500kW	Cooled cable and forced liquid cooling system
12	Extended service/warranty	All models	



+43 664 88862520