

ENSTO

**Designed by the North.
Perfected for the World.**



Ensto NXT
Cold Northern
Logic for
EV Charging

 **legrand®**

ENSTO



New Ensto NXT

provides intelligent load management capabilities and seamless integration into existing EV charging infrastructure.

Designed for:

- + Collective housing
- + Workplaces
- + Real estate parking

Future proof EV charging solution

Versatile installation options

Robust and safe product design

Convenient for the end-user

Perfected by Northern Designers

Our latest electric vehicle charging station offers comprehensive features to meet the needs of collective housing, workplaces, real estate and other semi-public areas. Ensto NXT combines ease of use, safety, and scalability – the perfect solution for today's and tomorrow's EV charging requirements

Ensto NXT provides intelligent load management capabilities and seamless integration into existing EV charging infrastructure. Tailored to meet the needs of property owners and housing cooperatives, it offers a secure and user-friendly experience for residents and guests.

We invite you to explore how this innovative solution can enhance your property's value while contributing to a cleaner, smarter mobility future.



FUTURE PROOF EV CHARGING SOLUTION

- Wide range of connectivities: 4G/LAN/Wifi
- Native OCPP communication
- MID class energy meter
- Built-in single and multi-level load management capabilities (DLM, mDLM)
- ISO15118-2/-3 compliant

ROBUST AND SAFE PRODUCT DESIGN

- Compliant with IEC 61851-1:2019 standard (notified body inspected)
- IP54 & IK10
- Integrated residual current monitoring module for DC residual current leakage detection (RDC-DD, 6mA)
- Mode 3 lock release
- References with or without RCBO

SIMPLICITY IN INSTALLATIONS:

- Single EV charging (Mode 3/Type 2 socket, 1x22kW, adjustable charging current 6A...32A)
- Wall & pole mounting options

CONVENIENT FOR THE END-USER

- User authentication with RFID reader
- Status indicator lights (green, blue, red)



EXTENSIVE EXPERIENCE

The Nordics are at the forefront of EV charging infrastructure – our Product Designers and Software Architects have extensive experience working in demanding and highly variable conditions.

EV charging solutions are designed, tested, and manufactured in our own factories in the North—where performance, safety, and durability are non-negotiable.

Cold Northern logic – Built for the North. Ready for the world.

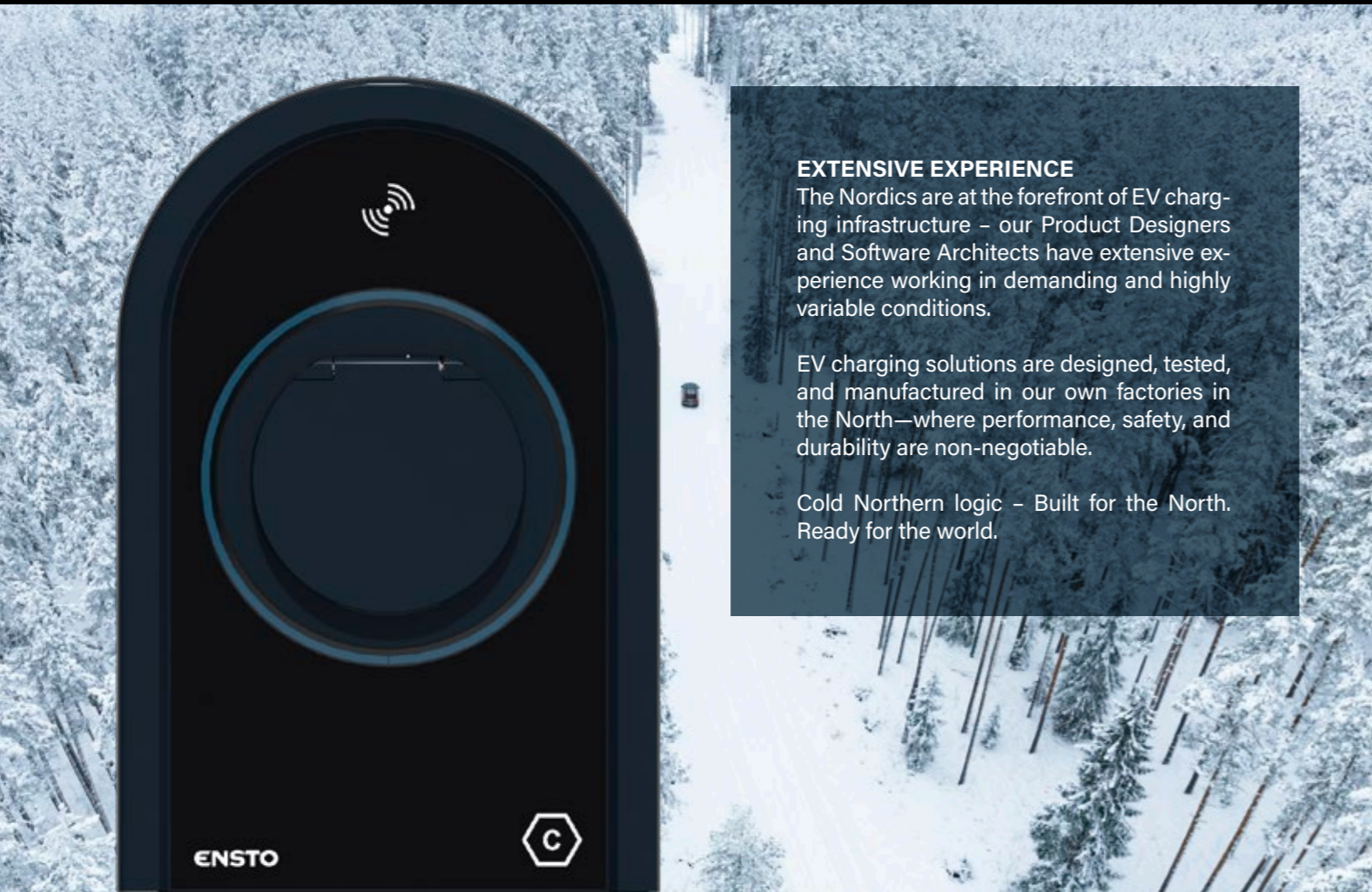
Feature	EVN323A-B4BC	EVN323A-BLBC	EVN323A-A4BC	EVN323A-ALBC
No of charging outlets	1	1	1	1
Nominal Power	1x22kW	1x22kW	1x22kW	1x22kW
Nominal charging current	3x32A	3x32A	3x32A	3x32A
Connector type	Mode 3/Type 2	Mode 3/Type 2	Mode 3/Type 2	Mode 3/Type 2
IP class	IP54	IP54	IP54	IP54
IK class	IK10	IK10	IK10	IK10
Communication ¹⁾	4G, LAN, Wifi	LAN, Wifi	4G, LAN, Wifi	LAN, Wifi
OCPP1.6-JSON	x	x	x	x
DLM, mDLM ²⁾	x	x	x	x
ISO15118	x	x	x	x
RFID reader	x	x	x	x
Energy meter (MID class)	x	x	x	x
RCBO	x	x	-	-
6mA RDC-DD	x	x	x	x
Mode3 lock release	x	x	x	x

x Included on the product as standard

- Not available

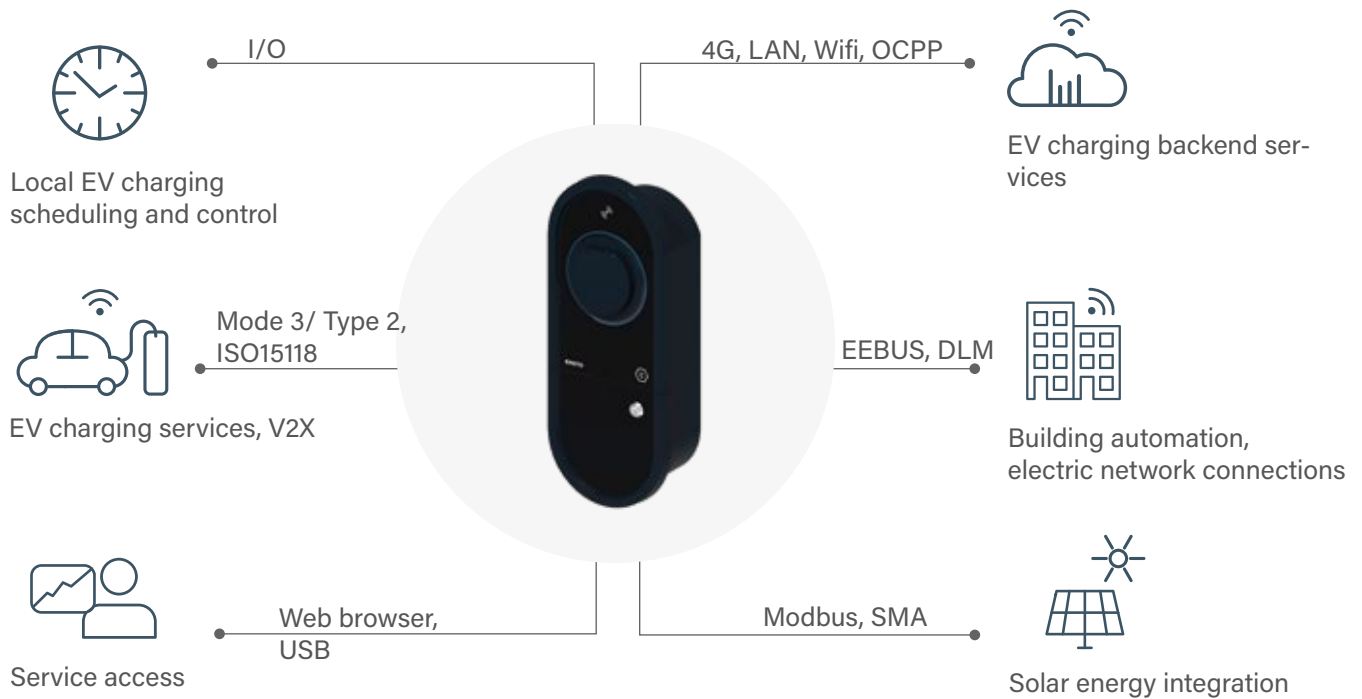
¹⁾ Communication: 4G (LTE, micro SIM), LAN (Ethernet), Wifi (2,4GHz). LAN with both star & daisy-chain network

²⁾ DLM, mDLM: embedded load management functionality. Does not include external meters (if needed for the installation).



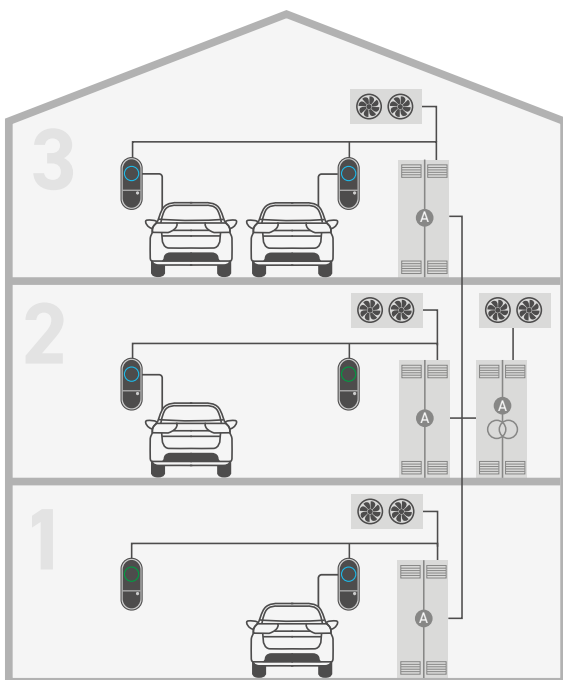
Where We Can Help?

We provide smart EV charging solutions with solid experience



Load management in EV Charging

Convenient charging with optimized energy consumption



Ensto NXT DLM

Load management in electric vehicle charging optimizes power distribution among charging points, ensuring maximum power to the vehicle. It can be implemented at the individual charging station level or as dynamic load management (DLM) for a group of stations. DLM adjusts power allocation to balance the load and prevent overloading.

Ensto DLM is a smart software solution that supports various meter models and is scalable up to any number of charging stations. A primary charger controls multiple stations via Ethernet network. It shares available power between them and can make real-time adjustments according to total power available. Additional to standard DLM, a multi-level dynamic

load management (mDLM) can be implemented to provide common load management solution (to regulate power usage across grid connection and distribution boards, where installation may include more than one external metering levels).

Ensto Wallbox and Ensto NXT offer state-of-the-art energy management. They optimize energy consumption and reduce implementation costs by regulated power usage. Our charging solutions are expandable and future-proof. They are smart and reliable choices for businesses and industries looking to optimize their energy consumption and reduce their carbon footprint.



Grid connection



Level 1-2 meters



Other loads

