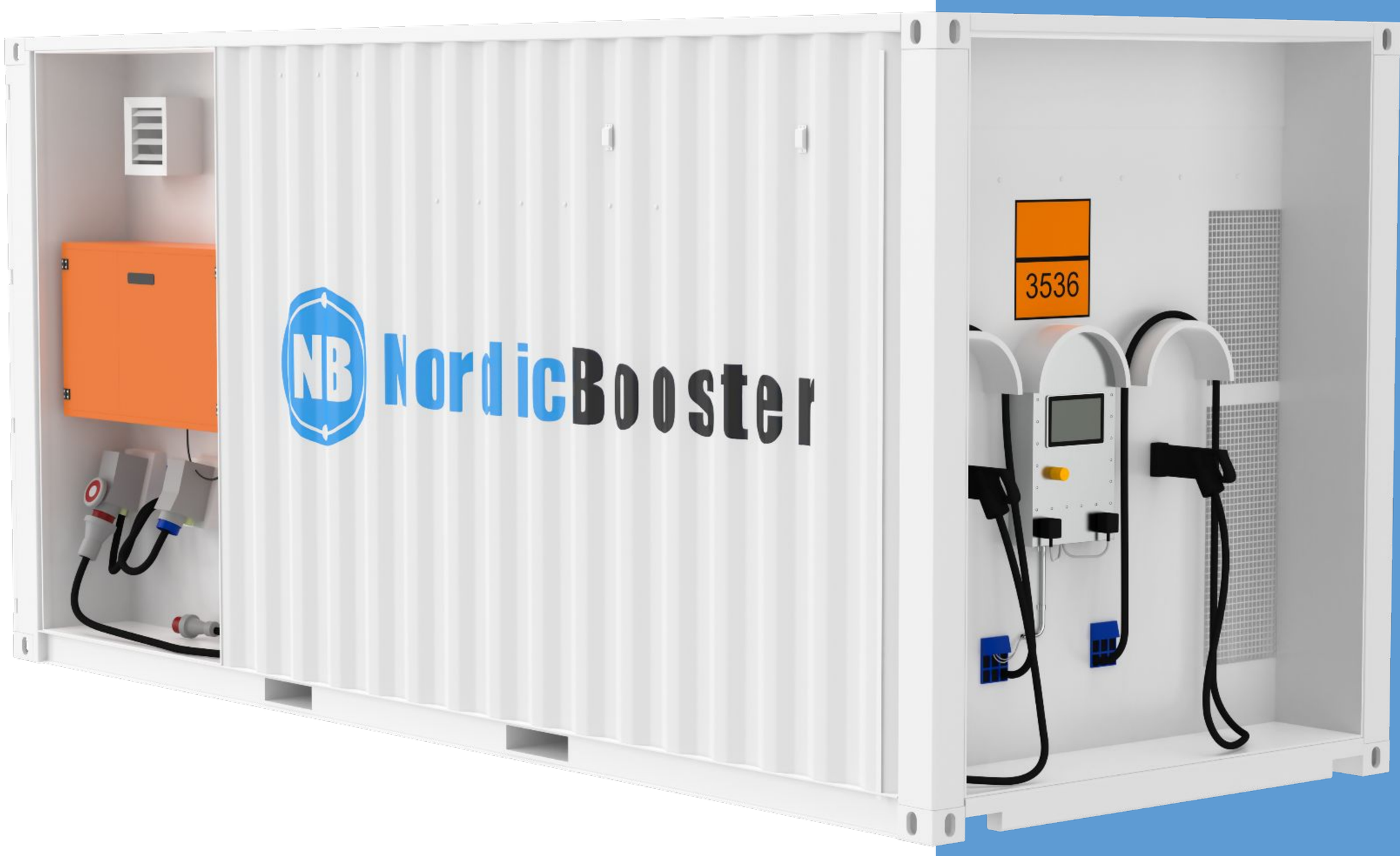
NORDIC
BOOSTER



Boostcharger Gen 03

A utility-scale battery system combined with a high power charging system for simultaneous charging

www.NordicBooster.com

Made in Norway

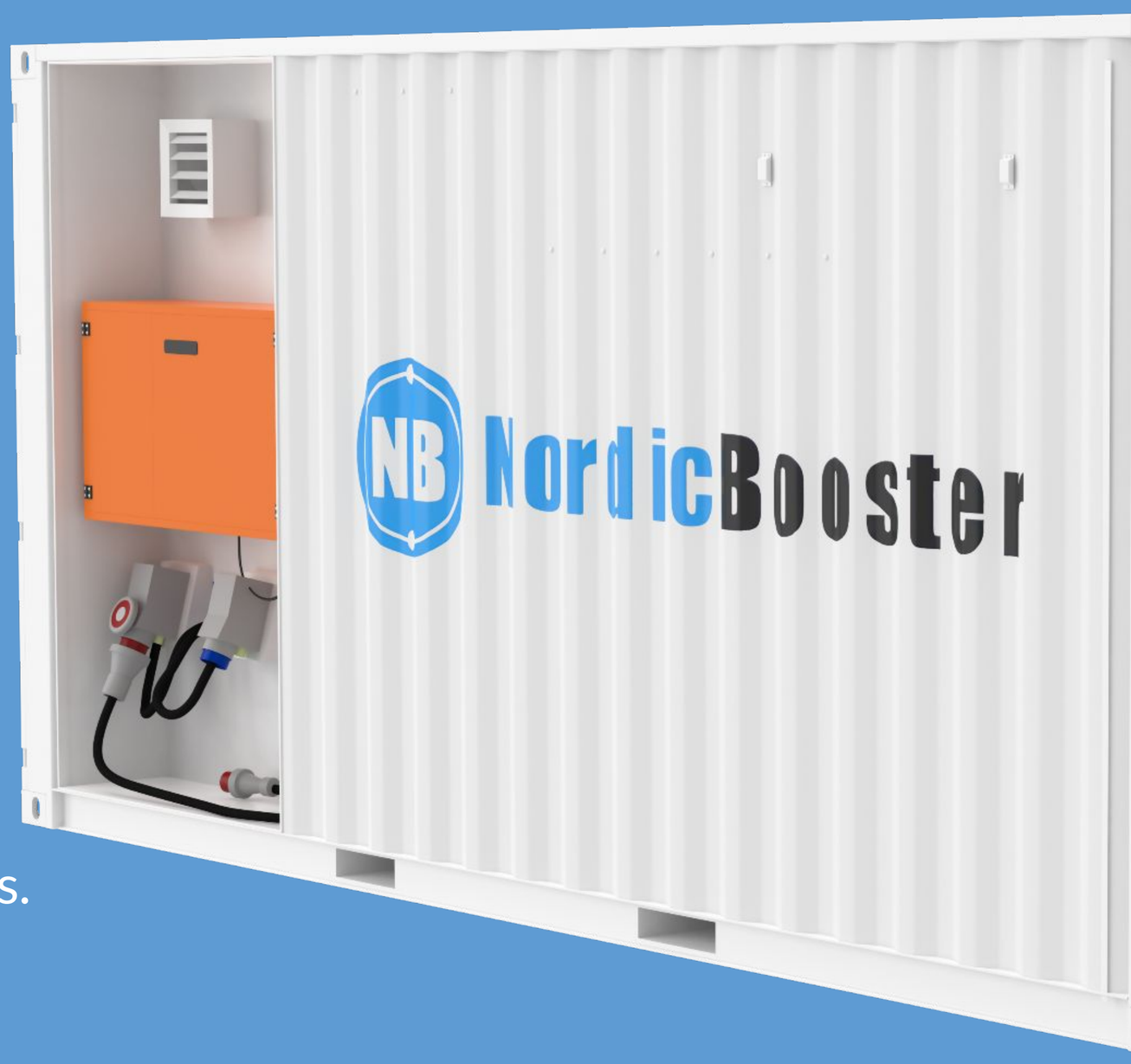
Boostcharger Gen 03

Purpose

BoostCharger is a utility-scale battery combined with a high power charging system. Its purpose is to replace fossil fueled generators and facilitate efficient charging of larger electric vehicles and machinery in areas where adequate power is not available.

Mobillity

Boostcharger is encapsulated in an ISO 20’ EI60 container with standard dimensions to ensure mobility, robustness, and reusability.

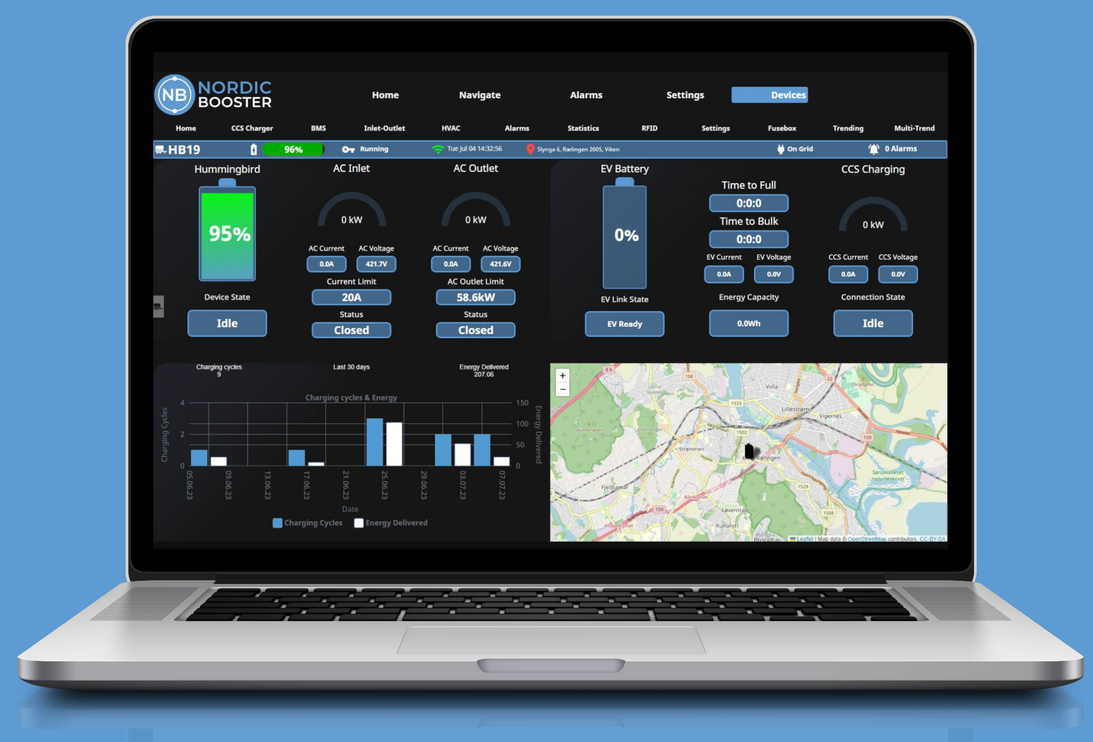


Use Cases

Zero-emission construction sites.
Charging of electric buses and trucks.
Temporary upgrades of charging stations.

Remote Control and Monitoring

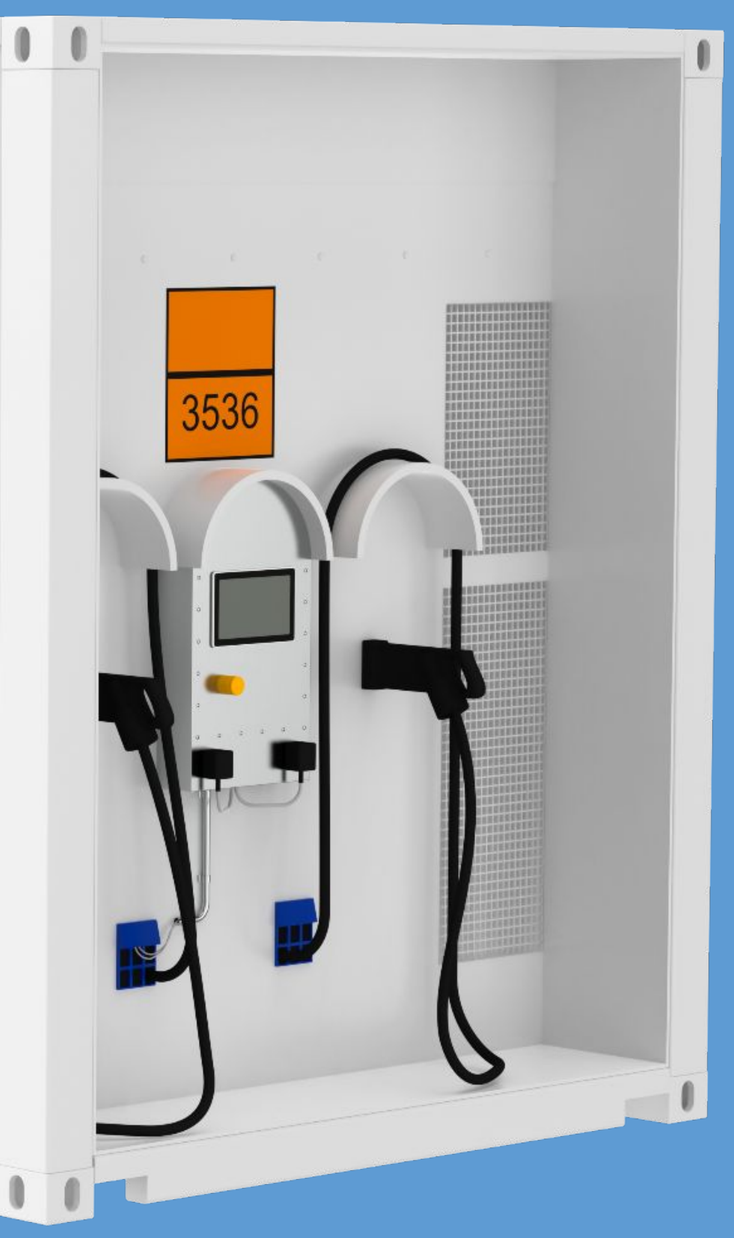
Boostcharger is delivered with standalone fleet management software for remote control, monitoring, analysis, and service. Features include automatic generation of reports and optimization of charging patterns. The software is developed in-house and can be tailored to customers specifications.



Low Noise Pollution

Replace Diesel Generators

RFID User Identification



CCS Output

Number of CCS Cables	2 pcs
Output Power	150kw or 300kw
Output Voltage	150-920VdDC

AC Output

Network (TN)	3-phase 50Hz 400VAC
Max Output Power	158kW
Outlet	ModuleX Distribution Cabinet

AC Input

Network (TN)	3-phase 50Hz 400VAC
Max Input Power	86kW
Connection Type	125A CEE

Battery

Usable Capacity	384kWh
Est. Brutto Capacity*	480kWh
Battery Cell Technology	NMC Li-Ion
Cycle Life	8000 cycles @ 100% (70% EoL)

Safety Measures

Certification	UN38.3, NEK400, CE, and IEC: 61439-2:2020, 61851-1:2017, 61851-23:2014, 62619:2017.
Fire Protection	Active Monitoring and alarm. EI60 Insulated Container. Contamination Protection, no external air and dust. Firehose Connection
Gas Protection	Active gas monitoring and forced exhaust to prevent the possibility of explosion
Temp. Maqmt.	Active Battery Cell Monitoring with thermostats. Air conditioning for regulation of temperature
Communication	Secured MQTT protocol over 4G for remote control and monitoring .

*Estimated total capacity. Based on industry standard and battery cell data

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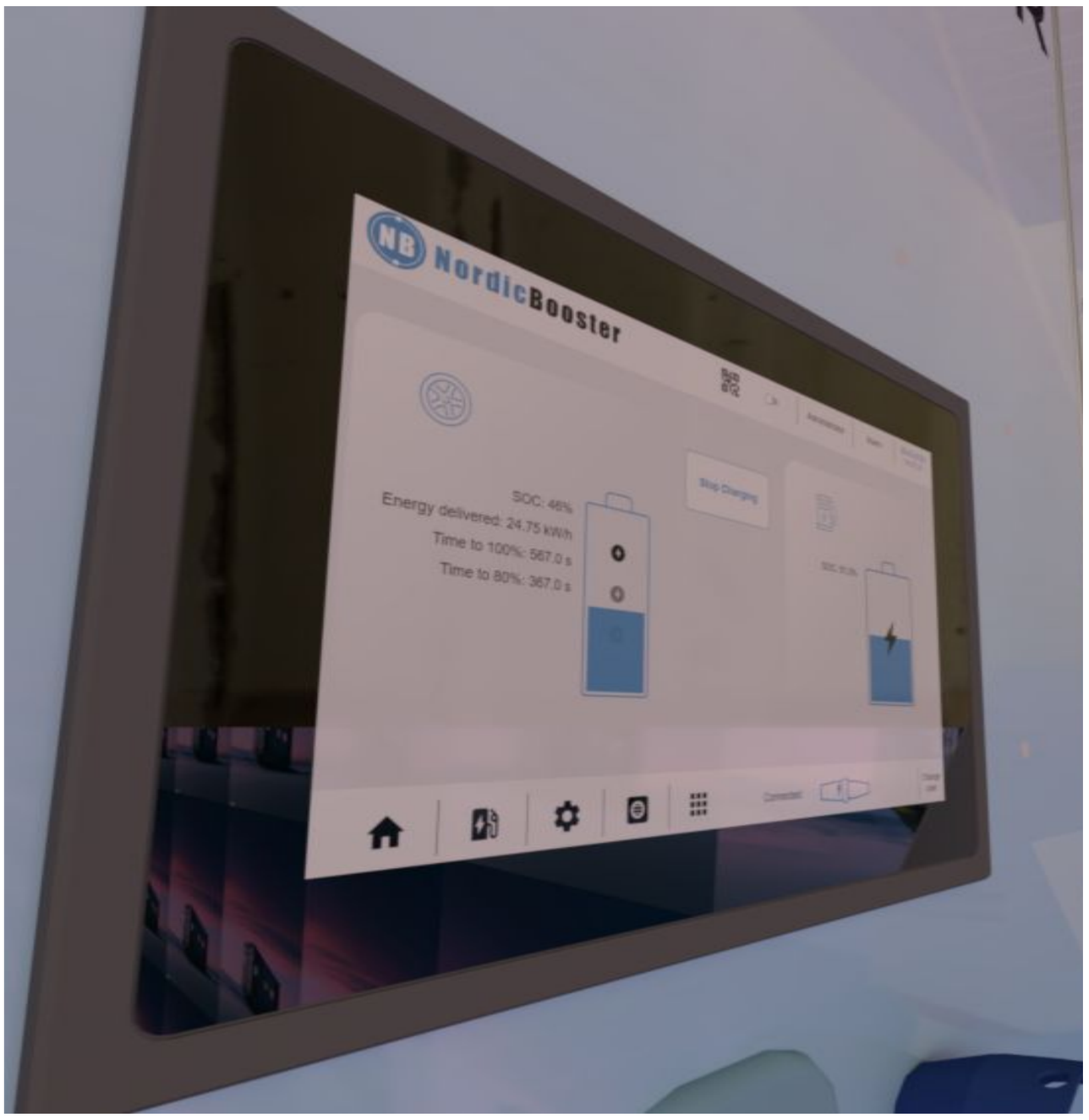
HMI Touch Screen

Boostcharger is delivered with a HMI touch screen for direct control of its functionalities. Access to various functionalities is granted based on user access levels and RFID user identification.



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