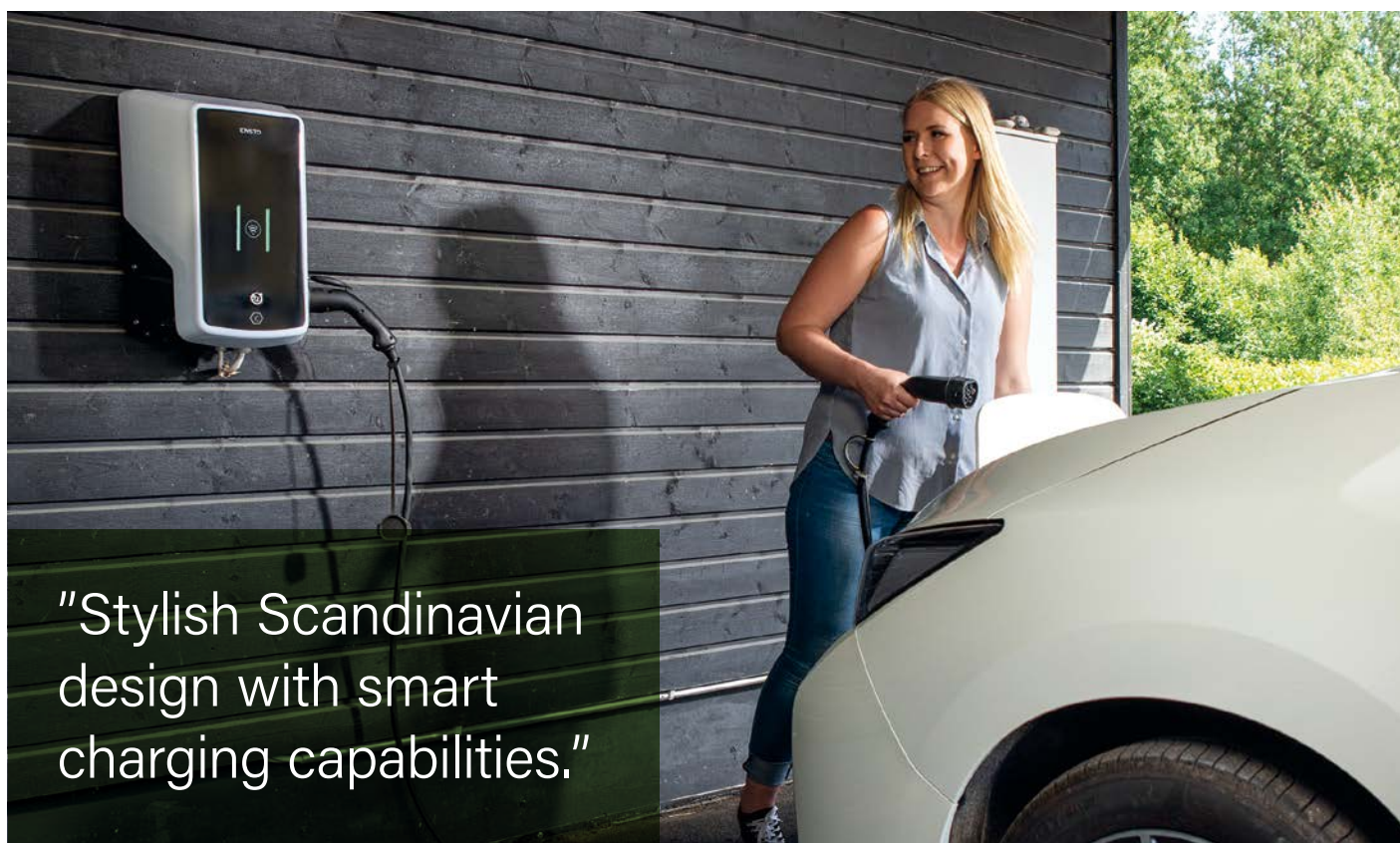




# Ensto Wallbox

EV charging with maximum power

The compact and powerful Ensto Wallbox is a future-proof solution designed to deliver reliable and great EV charging experience for any business.



"Stylish Scandinavian design with smart charging capabilities."



"Enables charging at any weather conditions."

## Even if the winter is coming

Ensto enables EV charging wherever people move

Ensto Wallbox is perfect fit for large installations in car parks, offices, and condominiums – offering the best charging experience with smart charging solutions. Ensto Wallbox provides maximum charging where one charging station can provide 22kW power from both outlets!

### IT'S SMART

OCPP1.6 and dynamic load management are basic features of Ensto Wallbox. On top of which it provides ISO15118 readiness for future needs. With these Ensto Wallbox qualifies as smartest EV charger on market.

### IT'S TOUGH

The structure of Ensto Wallbox guarantees durability for both the weather (IP54) and external impacts (IK10).

### IT'S FLEXIBLE

Agile factory commissioning to back-end systems, inbuilt 4G/LAN/Wifi communication options and wide range of customer tailorings make Ensto Wallbox the most suitable selection to customers.

### IT'S INTUITIVE

Ensto Wallbox provides user-friendly charging experience together with convenient design and simple user interfaces with Type 2 charging outlets and in-build RFID reader.







Charging station with one 22kW charging outlet



Charging station with two 22kW charging outlets



Extension box variant: Charging station with two 22kW charging outlets

### FUTURE PROOF EV CHARGING SOLUTION

- Wide range of connectivities: 4G/LAN/Wifi/EIA-485
- Native OCPP communication
- MID class energy meter
- Built-in single and multi-level load management capabilities (DLM, mDLM)
- ISO15118 support, Plug&Charge certified by Hubject

### ROBUST AND SAFE PRODUCT DESIGN

- Compliant with IEC 61851-1:2019 standard
- IP54 & IK10
- Integrated residual current monitoring module for DC residual current leakage detection (RDC-DD, 6mA)
- RCBO's available with selected models
- Mode 3 lock release

### TAILORING OPTIONS ENABLE VERSATILE INSTALLATIONS

- Select 1 or 2 Mode 3/Type 2 sockets (1x22kW, 2x22kW, adjustable charging current 6A...32A)
- Select 2x22kW extension box variant (friends call this "piggypack") with upwards/downwards supply cable feed options making it ideal for parking halls and busbar installations
- Select wall mounting or pole mounting

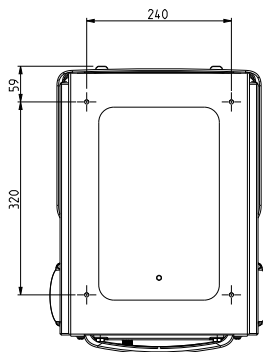
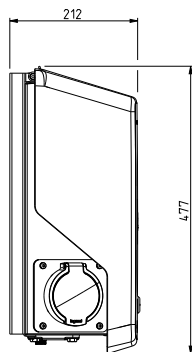
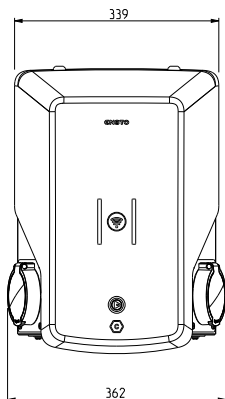
### CONVENIENT FOR THE END-USER

- User authentication with in-built RFID reader
- Status indicator lights for ease of use (green, blue, red)

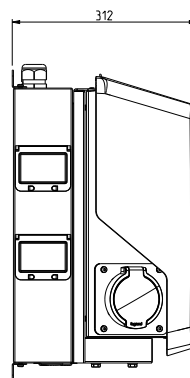
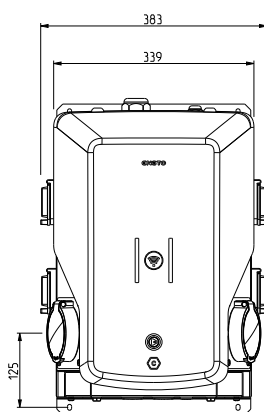
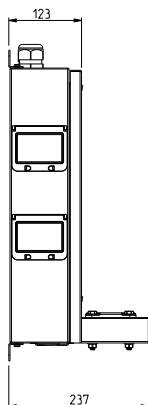
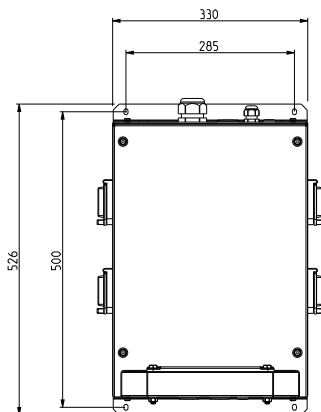


### NEED FOR CUSTOMIZATION?

We provide different product tailoring options from customized stickers and logos over to factory commissioning services. Please contact us to find a perfect solution for your needs!



EVB200B-A4BC



EVB200EB-B4BC

Feature	EVb100B-A4BC	EVb100B-B4BC	EVb200B-A4BC	EVb200EB-B4BC
No of charging outlets	1	1	2	2
Nominal Power	1x22kW	1x22kW	2x22kW	2x22kW
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 <sup>1)</sup>	4G, LAN, Wifi	4G, LAN, Wifi	4G, LAN, Wifi	4G, LAN, Wifi
OCPP1.6-JSON	•	•	•	•
DLM, mDLM <sup>2)</sup>	•	•	•	•
ISO15118	•	•	•	•
RFID reader	•	•	•	•
Energy meter (MID class)	•	•	•	•
RCBO	-	•	-	•
6mA RDC-DD	•	•	•	•
Mode3 lock release	•	•	•	•

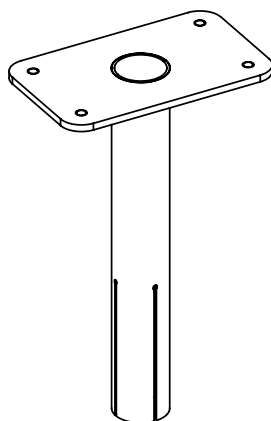
• Included on the product as standard

- Not available

<sup>1)</sup> Communication: 4G (LTE, micro SIM), LAN (Ethernet), Wifi (2,4GHz)

<sup>2)</sup> DLM, mDLM: Embedded load management functionality. Does not include external meters (if needed for the installation).

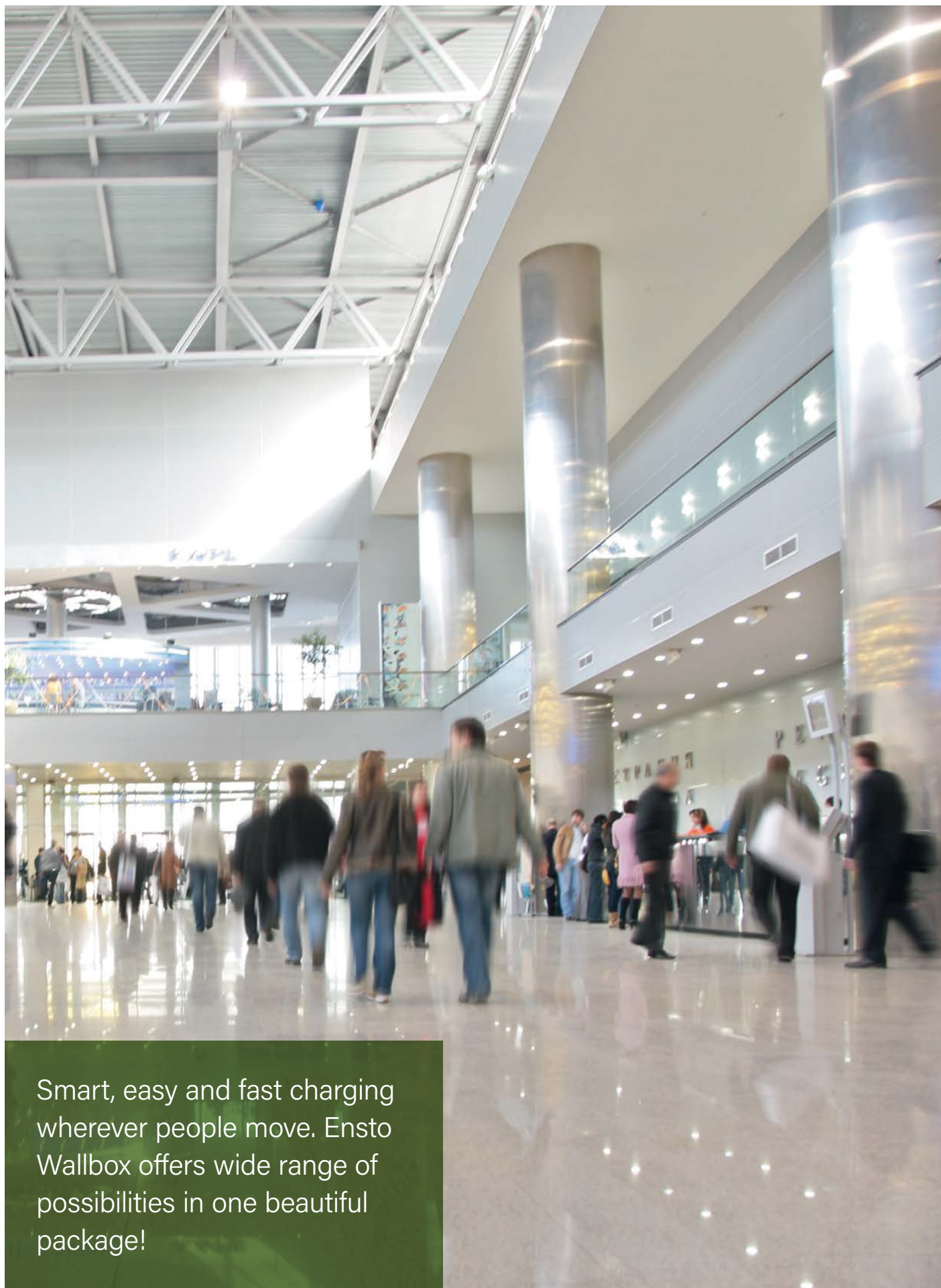
Mechanics	Installation
IEC 61851-1:2019 compliant	Wall installation (as default)
Cover material: • Plastic (PETG, ABS), white and black front sticker Frame material: • Powder coated mild steel (RAL7021 "Anthracite")	Pole installation with optional EVTL accessories: • EVTL43.00 (EVB mounting pole) • EVTL44.00 (EVB adapter for concrete base)
Ingress resistance class: • IP54	Extension box product variant with both upwards/downwards supply cable feed options
Impact protection class: • IK10	Supported electricity grid: • TN (3-ph, 400VAC) • IT (1-ph, 230VACp-p)
Ambient temperature range: • -25 °C - +50 °C	Connection terminals: • L1-3, N, PE Cu 2.5-16 mm <sup>2</sup>



EVTL44.00








EVTL43.00



Smart, easy and fast charging  
wherever people move. Ensto  
Wallbox offers wide range of  
possibilities in one beautiful  
package!

# Ensto enables smart EV charging for everyone!

	HOME CHARGING			WORK CHARGING		PUBLIC CHARGING
	ENSTO ONE HOME	ENSTO ONE	ENSTO WALLBOX	ENSTO PRO	ENSTO MEDIA	
						
	Super easy and safe home charger. It's the One for you.	Easy and smart home charging at apartment buildings or shared parking.	Modular solution for single or dual EV charging. Compact and user-friendly design.	An easy-to-use, long lifetime AC charging station for public EV charging.	Uniquely combines EV charging and outdoor advertisement with its stunning digital display.	
1-PHASE	x	x	x	x	x	
3-PHASE	x	x	x	x	x	
KW / OUTLET	3,6 / 7,4 / 11 / 22	3,6 / 7,4 / 11 / 22	22	22	22	
SMART	Local load management	x <sup>3)</sup>	x	x	x	
DATA CONNECTION	-	Ethernet	4G/LAN/Wifi	4G/LAN/Wifi	LAN/4G	
FIXED CABLE	x	-	-	-	-	
CABLE RELEASE	-	x	x	x	x	
NEEDED RCD	A or built-in <sup>1)</sup>	built-in	A or built-in <sup>1)</sup>	built-in	built-in	
CHARGING OUTLETS	1	1	1-2	2	2	
USER CONTROL	x <sup>1)</sup>	x <sup>4)</sup>	x <sup>4)</sup>	x <sup>4)</sup>	x <sup>4)</sup>	
LOAD MANAGEMENT	-	x <sup>2)</sup>	x	x	x	
MID-METER	-	x	x	x	x	

<sup>1)</sup> Charger Control app

<sup>2)</sup> Cloud based, internet access mandatory

<sup>3)</sup> Cloud-based OCPP communication for EV Operators

<sup>4)</sup> In-built RFID reader, EV Operator specific solutions via OCPP