

ENSTO

Electric Vehicle Charging Solutions for modern charging



Better life.
With electricity.

Ensto enables electric vehicle charging where ever people move. Our goal is to provide sustainable electric vehicle charging solutions with lifetime value for users, owners and operators.

ensto.com



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Electric vehicle charging services that make life easier

At home and in shared car parks

As electric vehicles become more common, so does charging at home. Studies show that more than 90% of charging events take place at home overnight or when the vehicle is parked for longer periods.

Ensto offers reliable, efficient and modular charging solutions for electric vehicles (EVs). We are Finland's leading provider of EV charging devices and services, and our high-quality products cover a wide range of needs. We focus on smart charging solutions, and our charging devices are compatible with smart networks and cloud services. Our environmentally friendly EV charging solutions are designed to make life that little bit easier and to improve our quality of life in line with Ensto's brand promise.

Electric vehicle charging at home

By far the most common location for charging electric and hybrid vehicles is at home. This is not surprising since overnight charging usually takes place on a driveway or in a car shelter or garage at home. Home charging has to be easy and safe, and Ensto's solutions meet both of these requirements.

Our products are designed for home use, and they offer all the features needed for the hassle-free and reliable charging of electric and hybrid vehicles.

Ensto One Home and Ensto eFiller are compact wall-mounted charging devices with fixed cable. When you charge your vehicle at home, you are usually not in a hurry, but you need a charging system that is safe and reliable. Your vehicle is fully charged in the morning, and an extra stop at a charging station is not needed.

Electric vehicle charging in shared car parks

There are various solutions for EV charging in shared car parks of apartment blocks. Ensto One is the basis of Ensto's offering for shared charging in apartment buildings.

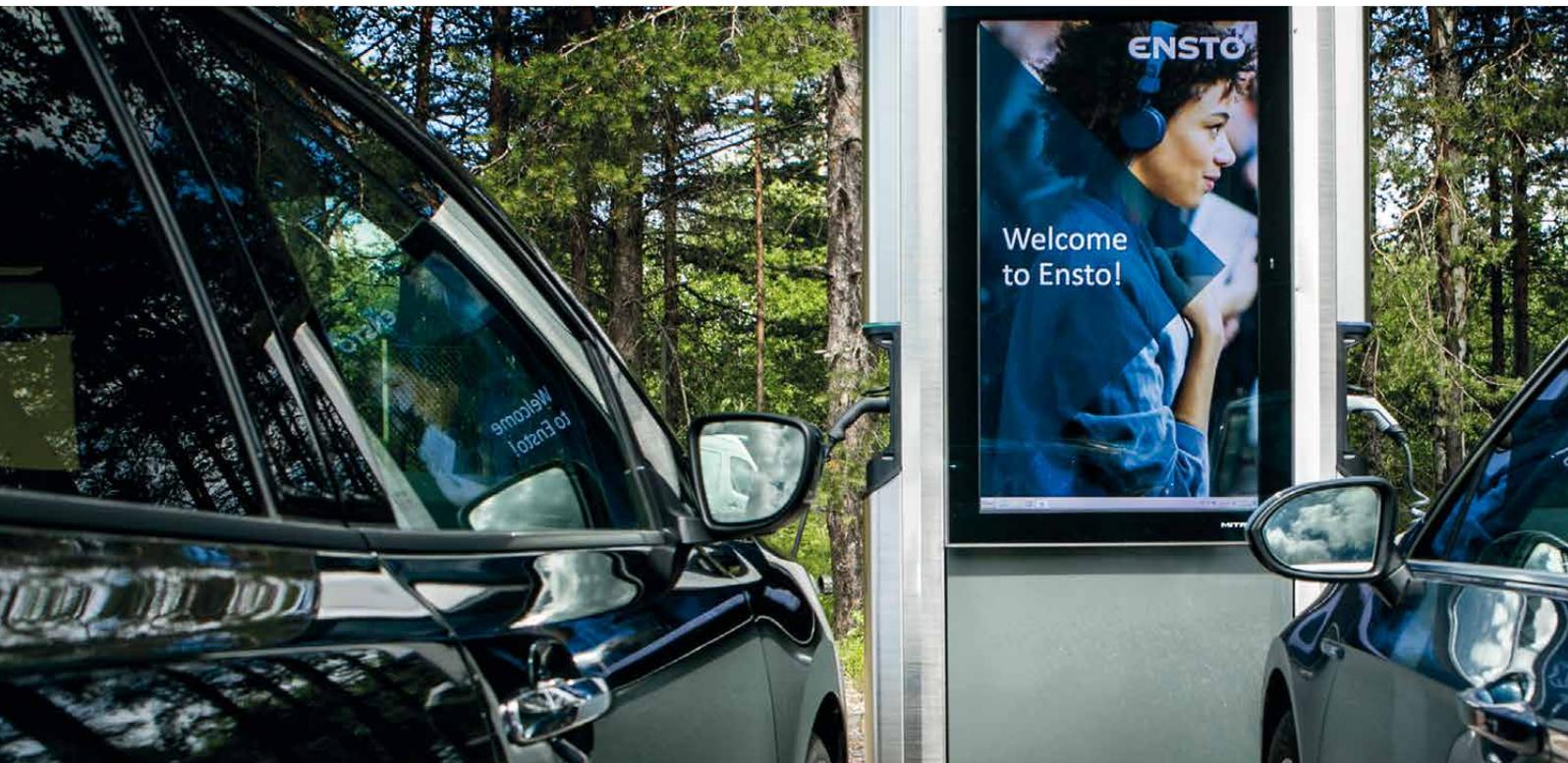
Besides reliable charger, efficient management of the charging devices and user data is important in order to make sure that the charging devices are only used by eligible residents and that the consumed energy is possible to allocate to the users. The charging infrastructure has to support and encourage the use of electric vehicles, and it has to make it as easy and flexible as possible.

- ▶ **Ensto One Home** is super easy and safe home charger. It's the One for you.
- ▶ **eFiller** is a safe solution for EV charging at home. It is robust, easy to use and quick to install.
- ▶ **Ensto One** is easy and smart home charger for apartment buildings and shared parking.
- ▶ **Wallbox** is a modular solution for EV charging, and it has been designed especially for use in shared car parks.



Charge your vehicle at work

Charging devices and services



Ensto has been designing and manufacturing EV charging devices for over 10 years, and we can offer solutions tailored to the needs of your business. Ensto's charging devices are durable, robust and future-proof.

Charging devices and services for businesses

The market for EV charging solutions continues to grow. Providing access to EV charging can give businesses an important competitive advantage. EV charging devices can help businesses achieve sustainability goals, promote green values and improve their brand image.

Customisable charging devices provide an opportunity to highlight the company's eco-friendly values or brand. Ensto's solutions allow for creation of separate profiles for specific user groups: businesses can, for example, offer free charging to visitors and paid charging to employees.

Reliable solutions

An EV charging device is much more than just a socket: it is a way to go the extra mile and show that your business cares about its customers and employees. Ensto is a reliable partner, and we can offer a solution that is a perfect match for the needs of your business.

- › Efficient charging and low maintenance costs
- › Mode 3 sockets that are compatible with all commonly used electric vehicles
- › Easy to install and deploy
- › Customisation through colours, decals and branding
- › Advanced, cloud-based remote management with EV Manager
- › User-specific reporting for billing purposes
- › Optional integration with other systems, such as payroll and access control

Shopping centres and public car parks

Electric vehicle charging devices



Remote connection and smart, cloud-based management software save time and money.

EV charging devices for shopping centres and public car parks

Are your parking facilities up to date? As the number of electric vehicles grows, so does the demand for charging devices in public car parks. Enabling EV charging provides added value to car park operators as EV drivers spend longer in car parks that have charging services available.

Ensto has been designing and manufacturing EV charging devices for over 10 years, and we can offer solutions tailored specifically for your car park. Ensto's modern charging devices are durable, robust and future-proof.

Modern and robust EV charging stations

Ensto's comprehensive product range has the perfect solution for any location and environment. We make EV charging easy and safe. Our products provide an environmentally friendly way to give customers a helping hand and make life a little bit easier.

As the manufacturer, we can offer a wide range of installation and customisation options and tailor our products to the needs of your customers. We can also provide additional services e.g. in the form of extended warranty of the charging device. Please contact our sales team for further information.

Electric vehicle charging in public places

- › Expertise – we will find the optimal products for your needs.
- › Reliability – all EV charging devices are manufactured in our own factories.
- › Optional integration with other systems.
- › Our charging devices utilize dynamic load management to optimise the use of the charging infrastructure.
- › Remote connection and smart, cloud-based management software save time and money.





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B FX 600E

D B VX 900E
Weber weber-auto.de



DIREKTANNAHME



Ensto One Home

for single family houses



Ensto One Home makes your EV charging easy, safe and smart. Elegant and durable charging unit is with fixed charging cable a key to super electric driving experience. Smart connectivity enables local load management solutions.

3,6
kW

7,4
kW

11
kW

22
kW



“Super Electric Charging at Home!”



My home is my castle

Experience the future of charging at home



EVs or PHEVs spend most of their time at home, just like you. Ensto One Home is the easy and safe way to charge your car while you can concentrate on other, more important matters. Ensto One Home ensures the Super Electric Driving Experience.

Super Easy Installing

Ensto One Home is easy and fast to install on the wall or on dedicated Ensto One pole. It's also super fast to get ready, Ensto Charger Control app enables adjusting charging current if needed and that's it!

Super Easy Charging

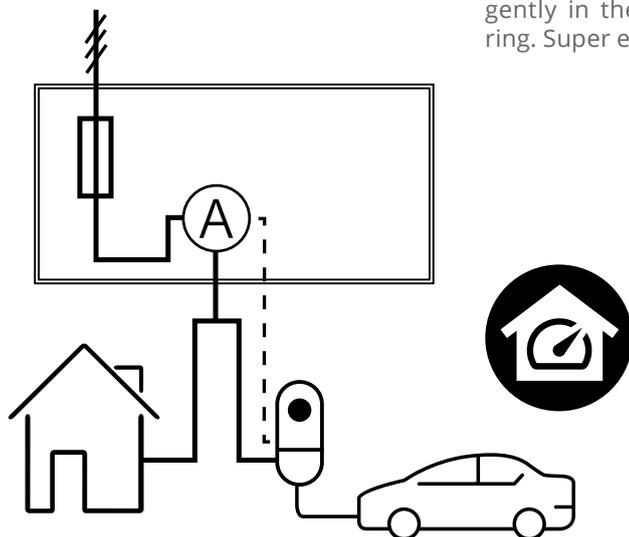
Ensto One Home is always equipped with fixed 5-meter charging cable and Type 2 plug. When not in use, plug rests gently in the middle of the indicator ring. Super easy, right?

Super Safe Charging

Ensto One Home is designed according to latest standards concerning EV charging. It's made to last also in harsh weather conditions. Ensto One Home makes sure, that you're ready for your next super electric driving experience.

Smart charging

Ensto One Home has available new smart connection features for load management purposes. These features enable to adjust charging current and charging event based on building's total energy consumption.



Why load management makes perfect fit with EV charging:

- Enables to install EV charger on homes with limited power capacity
- Helps to optimize the needed grid fuse size and costs
- Provides adjustable & dynamic charging operation



Structure

- Enclosures polycarbonate (PC) plastic
- IP54
- IK10
- Ambient temperature range -40...+50 °C

Installation

- Wall installation as a default, optionally available also pole adapter and full length pole
- 1-phase (L1, N, PE) or 3-phase (L1, L2, L3, N, PE) Cu 2.5-10 mm²
- Ensto Charger Control mobile app for adjusting max. static charging current from 6A-16A/32A or enabling optional load management features

Features

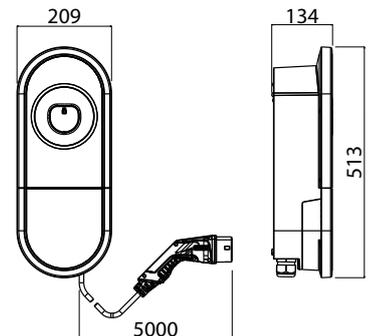
- Fixed, 5 m cable with Type 2 plug and integrated plug holder
- Two current versions 16A and 32A, 1-phase or 3-phase
- Operating current adjustable from 6A-16A/32A
- Start/stop charging from the app if authorized operating mode is selected
- Built-in Residual Current Monitoring module for DC current leakage detection (RDC-DD, 6mA)
- Optionally also residual current operated circuit-breaker with integral overcurrent protection (RCBO, 30mA)
- Dynamic load management together with external energy meter (installed on distribution board) and Modbus cabling for communication
- Override mode with NO/NC input for connecting external control device to manage charging event (ON/OFF)



EVTL55.00



EVTL57.00



Product code	Technical name	Dynamic load management	Override	3,6 kW	7,4 kW	11 kW	22 kW	RCBO	
Ensto One Home									
Evh161B-HC000	Ensto One Home 1x16A Type2 cable IP54 DLM	yes*	yes**	x					
Evh321B-HC000	Ensto One Home 1x32A Type2 cable IP54 DLM	yes*	yes**		x				
Evh161B-HCR00	Ensto One Home 1x16A Type2 cable RCBO IP54 DLM	yes*	yes**	x				x	
Evh321B-HCR00	Ensto One Home 1x32A Type2 cable RCBO IP54 DLM	yes*	yes**		x			x	
Evh163B-HC000	Ensto One Home 3x16A Type2 cable IP54 DLM	yes*	yes**			x			
Evh163B-HCR00	Ensto One Home 3x16A Type2 cable RCBO IP54 DLM	yes*	yes**			x		x	
Evh323B-HC000	Ensto One Home 3x32A Type2 cable IP54 DLM	yes*	yes**				x		
Evh323B-HCR00	Ensto One Home 3x32A Type2 cable RCBO IP54 DLM	yes*	yes**				x	x	
Supported energy meter models									
EvhEM217	Ensto One Home supported energy meter for dynamic load management. Please see details on installation instructions. Sold separately.								
Installation accessories							Length	Height	Width
EVTL55.00	Ensto One pole adapter, double-sided					73 mm	427 mm	170 mm	
EVTL57.00	Ensto One full length pole, double-sided					73 mm	1298 mm	170 mm	

* Will require energy meter installed on distribution board and related Modbus cabling. See supported energy meter models.
 ** Override mode for connecting external control device to manage charging event (ON/OFF). Requires external contact NO/NC signal and cabling.

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 and semi-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 (dual outlet models)	22+22 (dual outlet models)	22+22		
SMART	Local load management	x ⁵⁾	x	x	x		
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM		
FIXED CABLE	x	-	-	-	-		
CABLE RELEASE	-	x	x	x	x		
NEEDED RCD	A or built-in ¹⁾	built-in	A or built-in ¹⁾	built-in	built-in		
CHARGING OUTLETS	1	1	1-2	1-2	2		
USER CONTROL	x ²⁾	x	x	x	x		
LOAD MANAGEMENT	-	x ³⁾	x ⁴⁾	x ⁴⁾	x ⁴⁾		
MID-METER	-	x	x ¹⁾	x ¹⁾	x		

1) Depending on the model, built-in or in separate enclosure
 2) Ensto Charger Control app
 3) Cloud based, internet access mandatory
 4) For Ethernet versions
 5) Cloud-based OCPP communication for EV Operators

Ensto One

for apartments



Ensto One is convenient solution for every day charging at apartment buildings as well as offices. Elegant and durable design hides a charging platform, which makes it perfect fit to be connected for EV operator platforms and services.

3,6
kW

7,4
kW

11
kW

22
kW



“Easy and smart charging solution for apartment buildings and offices!”



Ensto One – the one you need

For apartment buildings and shared charging



“Safe, easy and smart charging platform.”

Ensto One provides wide power range 3,6 kW...22 kW that make sure that you can choose the power you need, whether you're a plug-in driver or all electric. When you rest, Ensto One charges your next experience.

Easy Installing

Ensto One is easy and fast to install on the wall or on dedicated Ensto One pole. Ensto One chargers are factory-commissioned and prepared for selected EV Operator platforms, that simplifies the on-site work as well as simplifies complete solution commissioning.

Easy Charging

Plug in and that's it. Type 2 socket is the most common way to charge your PHEV or full EV. Simple charging experience with convenient status LEDs.

Easy Controlling

Ensto One offering is available with selected EV Operator platforms. EV operator platform can be used for instance to enable user management with RFID's as well as user-based consumption reporting.

Safe Charging

Ensto One is designed according to latest standards concerning EV charging and it's made to last also in harsh weather conditions. Ensto One has build-in Current Monitoring module for DC current leakage detection, residual current operated circuit-breaker with integral over-current protection as well as MID class energy meter.





Structure

- Enclosures polycarbonate (PC) plastic
- IP54
- IK10
- Ambient temperature range -40...+50 °C

Installation

- Wall installation as a default, optionally available also pole adapter and full length pole
- 1-phase (L1, N, PE) or 3-phase (L1, L2, L3, N, PE) Cu 2.5-10 mm²
- Mobile app (Bluetooth) for adjusting operating current from 6A-16A/32A
- Power daisy-chain possibility within both adapters, Cu 2,5 mm² - 16 mm²

Features

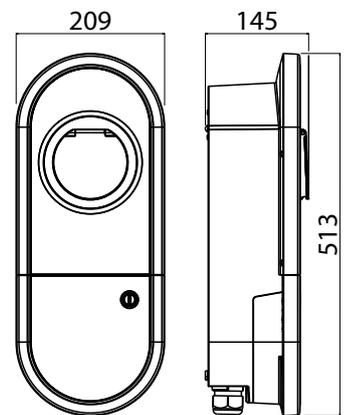
- Available 16A and 32A, 1-phase or 3-phase models
- Operating current adjustable from 6A-16A/32A
- Mode 3 Type 2 socket
- Built-in Residual Current Monitoring module for DC current leakage detection (RDC-DD, 6mA)
- Residual current operated circuit-breaker with integral over-current protection (RCBO, 30mA)
- MID energy meter on-board
- RFID reader for end-user authentication
- Cloud-based OCPP 1.6JSON Websocket connectivity for EV Operator platforms (Ethernet connection mandatory to each charging point)
- Cloud based load management (Ethernet connection mandatory to each charging point)



EVTL55.00



EVTL57.00



Product code	Technical name	Data connection	3,6 kW	7,4 kW	11 kW	22 kW	Type 2 socket	OCPP*	Schuko socket	RCBO	MID meter
Ensto One											
EVH161-A2RM0-EOPXXX	Ensto One 1x16A Type2 MID RCBO RFID Ethernet IP54	Ethernet	x				x			x	x
EVH321-A2RM0-EOPXXX	Ensto One 1x32A Type2 MID RCBO RFID Ethernet IP54	Ethernet		x			x			x	x
EVH163-A2RM0-EOPXXX	Ensto One 3x16A Type2 MID RCBO RFID Ethernet IP54	Ethernet			x		x			x	x
EVH323-A2RM0-EOPXXX	Ensto One 3x32A Type2 MID RCBO RFID Ethernet IP54	Ethernet				x	x			x	x
Installation accessories							Length	Height	Width		
EVTL55.00	Ensto One pole adapter, double-sided						73 mm	427 mm	170 mm		
EVTL57.00	Ensto One full length pole, double-sided						73 mm	1298 mm	170 mm		

* Cloud-based OCPP 1.6JSON Websocket connectivity for EV Operator platforms.

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 and semi-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 (dual outlet models)	22+22 (dual outlet models)	22+22
SMART	Local load management	x ⁵⁾	x	x	x
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM
FIXED CABLE	x	-	-	-	-
CABLE RELEASE	-	x	x	x	x
NEEDED RCD	A or built-in ¹⁾	built-in	A or built-in ¹⁾	built-in	built-in
CHARGING OUTLETS	1	1	1-2	1-2	2
USER CONTROL	x ²⁾	x	x	x	x
LOAD MANAGEMENT	-	x ³⁾	x ⁴⁾	x ⁴⁾	x ⁴⁾
MID-METER	-	x	x ¹⁾	x ¹⁾	x

1) Depending on the model, built-in or in separate enclosure
 2) Ensto Charger Control app
 3) Cloud based, internet access mandatory
 4) For Ethernet versions
 5) Cloud-based OCPP communication for EV Operators

- 1-PHASE
- 3-PHASE
- KW / OUTLET
- SMART
- DATA CONNECTION
- FIXED CABLE
- CABLE RELEASE
- NEEDED RCD
- CHARGING OUTLETS
- USER CONTROL
- LOAD MANAGEMENT
- MID-METER

Ensto Wallbox

EV charging with maximum power.

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



"Stylish Scandinavian design with smart charging capabilities."



Even if the winter is coming

Ensto enables EV charging wherever people move



“Ideal for any weather and environment.”

Ensto Wallbox provides maximum charging. One unit can provide 22kW power from BOTH outlets! And on top of that, it looks so good!

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 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-built RFID reader.





1 Socket charger



2 Socket charger



EVB203E model

Structure

- › Frame: painted steel (RAL 7021 "Anthracite")
- › Cover: Plastic (PETG)
- › IP54
- › IK10
- › Ambient temperature range -30...+50 °C

Installation

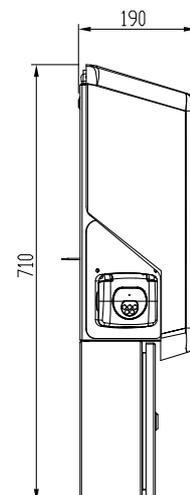
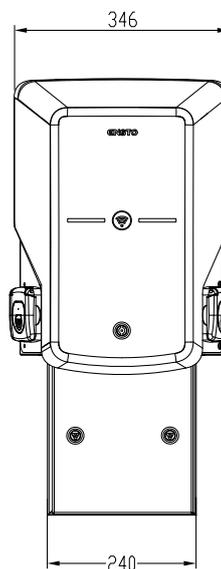
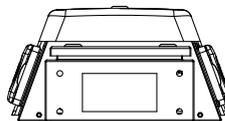
- › Fixing to wall with included bracket or with optional installation accessories
- › Connection 5x2,5-50 mm² (copper), 6-50 mm² (aluminium)

Features

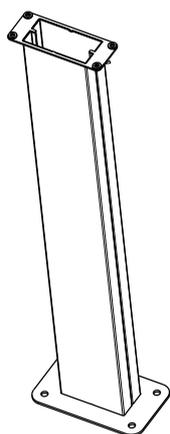
- › Built-in Residual Current Monitoring module for DC residual current leakage detection (RCMB 6 mA)
- › Dynamic load management capabilities
- › ISO15118 readiness
- › User authentication with in-built RFID reader
- › OCPP1.6-JJSON
- › Adjustable maximum current setting, max. 32A
- › Available communication methods (depending on the model): 4G, Ethernet or Wi-Fi
- › Models with built-in RCD and MCB as well as 1 Socket charger MID-energy meter also available

Made to order

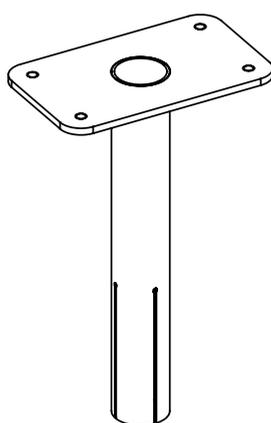
- › Factory pre-commissioning to back-end system
- › Customizable design for your brand



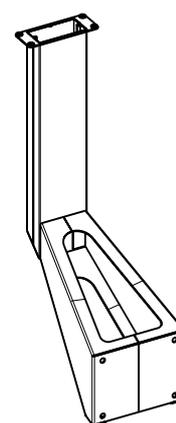
Product code	Max power (kW)	Max current (A)	Socket type	Data connection	Power cut lock release	RCD Type A + MCB	MID-meter	ISO15118
Single socket chargers								
EVB100-ALB	1x22	3x32	Type 2 (T2)	Ethernet				Yes
EVB100-BLB	1x22	3x32	Type 2 (T2)	Ethernet	Yes			Yes
EVB100-BLBC	1x22	3x32	Type 2 (T2)	Ethernet	Yes		Yes	Yes
EVB100-B4BC	1x22	3x32	Type 2 (T2)	4G	Yes		Yes	Yes
EVB101-ALB	1x7,4	1x32	Type 2 (T2)	Ethernet		Yes		Yes
EVB103-ALB	1x22	3x32	Type 2 (T2)	Ethernet		Yes		Yes
EVB103-BLBC	1x22	3x32	Type 2 (T2)	Ethernet	Yes	Yes	Yes	Yes
EVB103-B4BC	1x22	3x32	Type 2 (T2)	4G	Yes	Yes	Yes	Yes
EVB100-AWB	1x22	3x32	Type 2 (T2)	WiFi				Yes
EVB101-AWB	1x7,4	1x32	Type 2 (T2)	WiFi		Yes		Yes
EVB103-AWB	1x22	3x32	Type 2 (T2)	WiFi		Yes		Yes
Double socket chargers								
EVB200-ALB	2x22	3x32	Type 2 (T2)	Ethernet				Yes
EVB200-A4B	2x22	3x32	Type 2 (T2)	4G				Yes
EVB200-BLB	2x22	3x32	Type 2 (T2)	Ethernet	Yes			Yes
EVB200-BLBS	2x22	3x32	Type 2 shutter (T2S)	Ethernet	Yes			Yes
EVB200-B4B	2x22	3x32	Type 2 (T2)	4G	Yes			Yes
EVB200-B4BS	2x22	3x32	Type 2 shutter (T2S)	4G	Yes			Yes
EVB203-BLB	2x22	3x32	Type 2 (T2)	Ethernet	Yes	Yes		Yes
EVB203E-BLBC	2x22	3x32	Type 2 (T2)	Ethernet	Yes	Yes	Yes	Yes
EVB203E-B4BC	2x22	3x32	Type 2 (T2)	4G	Yes	Yes	Yes	Yes
Accessories								
EVTL43.00	EVB pole							
EVTL43.0E	EVB pole for EVB203E models							
EVTL44.00	EVB base adapter for pole EVTL43.00 and EVTL43.0E							
EVTL48.00	EVB wallbracket extending							



EVTL43.00



EVTL44.00



EVTL48.00



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 and semi-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 (dual outlet models)	22+22 (dual outlet models)	22+22
SMART	Local load management	x ⁵⁾	x	x	x
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM
FIXED CABLE	x	-	-	-	-
CABLE RELEASE	-	x	x	x	x
NEEDED RCD	A or built-in ¹⁾	built-in	A or built-in ¹⁾	built-in	built-in
CHARGING OUTLETS	1	1	1-2	1-2	2
USER CONTROL	x ²⁾	x	x	x	x
LOAD MANAGEMENT	-	x ³⁾	x ⁴⁾	x ⁴⁾	x ⁴⁾
MID-METER	-	x	x ¹⁾	x ¹⁾	x

1) Depending on the model, built-in or in separate enclosure
 2) Ensto Charger Control app
 3) Cloud based, internet access mandatory
 4) For Ethernet versions
 5) Cloud-based OCPP communication for EV Operators

Ensto Pro

EV charging with maximum durability.

The intelligent and durable Ensto Pro is a future-proof solution designed to deliver reliable EV charging for any business, in any environment.



"Enjoy a user-friendly experience."



Your business, your pleasure

Ensto Pro will serve your business needs everywhere



“Perfect for retailers, fleets, car parks, and more.”

Ensto Pro is THE charger. It includes charging and service ability for public and semi-public environment with connectivity to serve users, owners and operators!

It's smart

OCPP 1.6 and dynamic load management are basic features of Ensto Pro. With these Ensto Pro qualifies as smartest EV charger on market.

It's tough

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

It's flexible

Agile factory commissioning to back-end systems and wide range of customer tailorings make Ensto Pro the most suitable selection to customers.

It's safe

Ensto Pro has built-in residual current devices (RCD TypeA, 30mA and DC RCMB 6mA) and overcurrent protection. This guarantees user safety and installation according standards. This also allows installation without extra components in panel board.





Ensto Pro offers many possibilities for customization.

Structure

- › Body: stainless steel, RAL 9016
- › IP54
- › IK10
- › Ambient temperature range -30...+50 °C

Installation

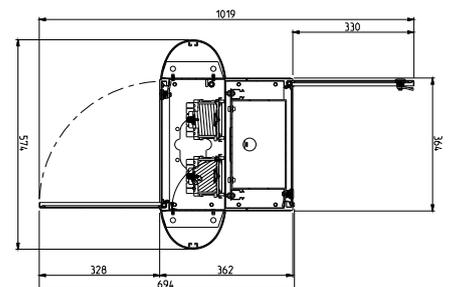
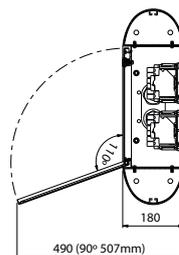
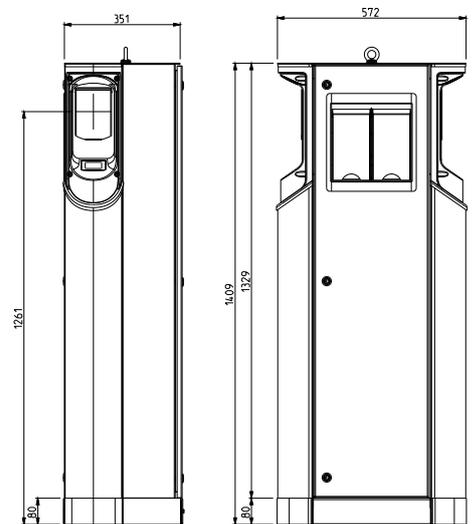
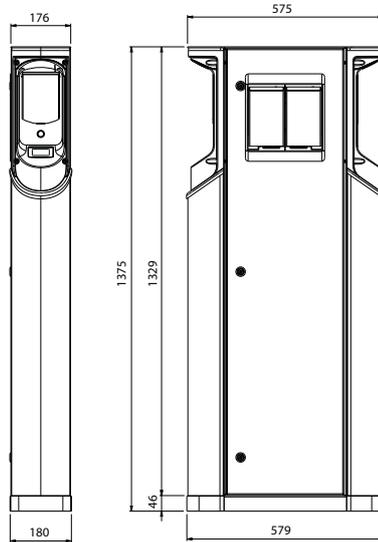
- › Fixing to ground or wall with optional brackets
- › Connection 5x2,5-50 mm² (copper), 6-50 mm² (aluminium)

Features

- › Built-in Residual Current breaker (RCD-A + DC 6mA RCMB)
- › Dynamic load management
- › RFID user authentication
- › OCPP 1.6
- › Adjustable maximum current setting, max 32A

Made to order

- › Surge protection
- › Distribution cabinet extension (EFV300-series)
- › Customer branding with paint and/or stickers
- › Factory pre-commissioning to back-end system
- › Arctic Kit - for extreme cold conditions, -30 degrees or below



EVF100, EVF200

EVF300

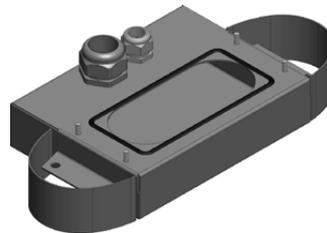
Product code	Technical name	Max power (kW)	Max current (A)	Data connection	Power cut lock release	RCD Type A + MCB	MID-meter	ISO15118 (V2X)
Single socket chargers								
EVF100W-ALB	EVF100W-ALB 1x22kW T2 V2X LAN	22	3x32	Ethernet		Yes		Yes
EVF100W-B4B	EVF100W-B4B 1x22kW T2 V2X 4G	22	3x32	4G	Yes	Yes		Yes
EVF100W-B4BC	EVF100W-B4BC 1x22kW T2 MID 4G	22	3x32	4G	Yes	Yes	Yes	Yes
Double socket chargers								
EVF200W-ALB	EVF200W-ALB 2x22kW T2 V2X LAN	22	3x32	Ethernet		Yes		Yes
EVF200W-ALBE2S	EVF200W-ALBE2S 2x22kW T2 V2X S	22	3x32	Ethernet		Yes		Yes
EVF200W-A4B	EVF200W-A4B 2x22kW T2 V2X 4G	22	3x32	4G		Yes		Yes
EVF200W-A4BE2S	EVF200W-A4BE2S 2x22kW T2 S 4G	22	3x32	4G		Yes		Yes
EVF200W-BLB	EVF200W-BLB 2x22kW T2 V2X LAN	22	3x32	Ethernet	Yes	Yes		Yes
EVF200W-BLBC	EVF200W-BLBC 2x22kW T2 MID LAN	22	3x32	Ethernet	Yes	Yes	Yes	Yes
EVF200W-B4B	EVF200W-B4B 2x22kW T2 V2X 4G	22	3x32	4G	Yes	Yes		Yes
EVF200W-B4BC	EVF200W-B4BC 2x22kW T2 MID 4G	22	3x32	4G	Yes	Yes	Yes	Yes
EVF200W-B4BCS	EVF200W-B4BCS 2x22kW T2 S 4G	22	3x32	4G	Yes	Yes	Yes	Yes
EVF200W-B4BCD	EVF200W-B4BCD 2x22kW T2 MID 4G	22	3x32	4G	Yes	Yes	Yes	Yes
EVF300W-B4BC	EVF300W-B4BC 2x22kW T2 MID 4G	22	3x32	4G	Yes	Yes	Yes	Yes
EVF300W-B4BCS	EVF300W-B4BCS 2x22kW T2 S 4G	22	3x32	4G	Yes	Yes	Yes	Yes
Accessories								
EVTL28.00	EVF ground installation frame							
EVTL31.00	EVF wall mounting bracket, including installation rail and box							
EVTL32.00	EVF ground mounting box, cable entry from bottom							
EVTL34.00	EVF ground mounting box, cabling from top							
EVTL36.00	EVF base adapter for EVB32.00							



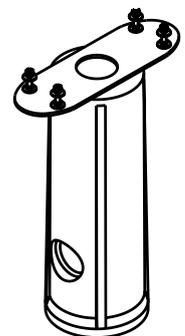
EVTL28.00



EVTL32.00



EVTL34.00



EVTL36.00



Reaching out to your EV driving customers or raising your brand awareness, Ensto Pro is your choice! Wide range of physical and virtual variations, will serve your business in best way possible.



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 and semi-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 (dual outlet models)	22+22 (dual outlet models)	22+22
SMART	Local load management	x ⁵⁾	x	x	x
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM
FIXED CABLE	x	-	-	-	-
CABLE RELEASE	-	x	x	x	x
NEEDED RCD	A or built-in ¹⁾	built-in	A or built-in ¹⁾	built-in	built-in
CHARGING OUTLETS	1	1	1-2	1-2	2
USER CONTROL	x ²⁾	x	x	x	x
LOAD MANAGEMENT	-	x ³⁾	x ⁴⁾	x ⁴⁾	x ⁴⁾
MID-METER	-	x	x ¹⁾	x ¹⁾	x

1) Depending on the model, built-in or in separate enclosure
 2) Ensto Charger Control app
 3) Cloud based, internet access mandatory
 4) For Ethernet versions
 5) Cloud-based OCPP communication for EV Operators

Ensto Media

Smart EV Charging with new possibilities

Ensto Media creates new possibilities for outdoor advertising and information sharing. Smart charging unit combined with big display will be highly visible in streets and parking lots.



“Functional and good looking combination.”



Reliable and advanced charging technic!

Smart EV Charging is combined with outdoor advertising and brings information to the streets.



“Smart and fast charging!”

Ensto Media with outdoor media display is versatile and smart EV charging device. It brings new possibilities for sales, marketing and information sharing in urban and modern surroundings.

It's smart

OCPP 1.6 and dynamic load management are basic features of Ensto Media. With these Ensto Media qualifies as smartest EV charger on market.

It's tough

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

It's safe

Ensto Media has built-in residual current devices (RCD TypeA, 30mA and DC RCMB 6mA) and overcurrent protection. This guarantees user safety and installation according standards. This also allows installation without extra components in panel board.

It sells

Large media display is great for outdoor advertising, different information sharing and searching. For example, combine commute traffic schedules and EV Charging to encourage citizens to support healthier choices in cities and other urban areas.





Structure

- › Weather proof and robust construction
- › Body: steel/aluminium, RAL 9006 "Panzer grey"
- › IP54
- › IK10
- › Ambient temperature range -30...+50 °C

Installation

- › Installation to ground on casted concrete base

Features for EV Charging

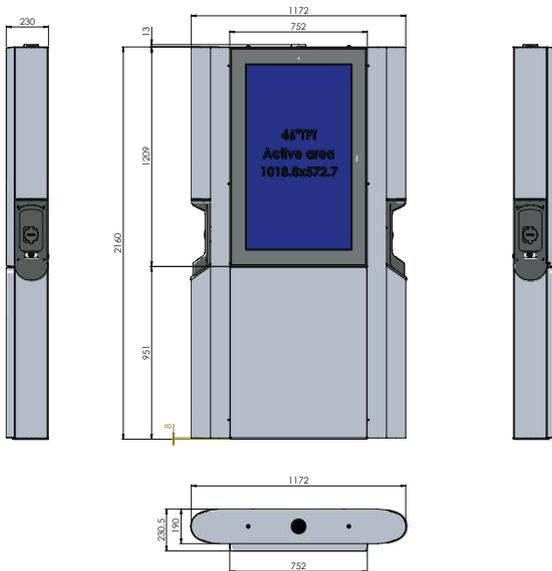
- › Built-in Residual Current breaker (RCD-A + DC 6mA RCMB)
- › Dynamic load management
- › RFID user authentication
- › OCPP1.6-J20
- › ISO15118 communication hardware ready
- › Adjustable maximum current setting, max 32A / socket

Features for Media Display

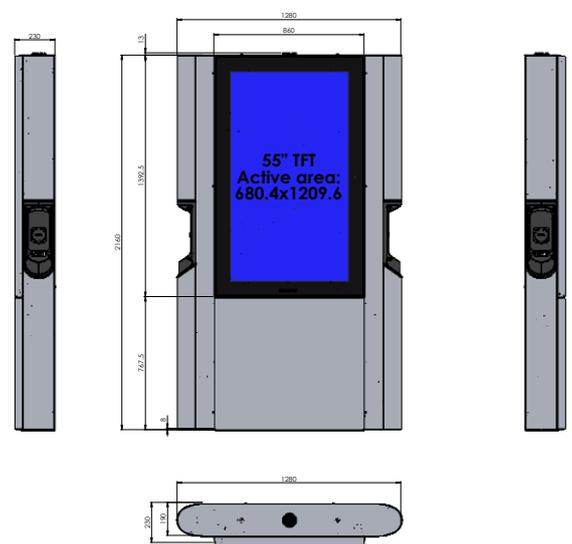
- › 46" / 55" TFT LCD Display 2500 cd/m² with automatic dimming
- › TFT LCD size & format:
 - 55" , 16/9 portrait
Active display area: 1210 x 680 mm
Resolution: 1920 x 1080 dots
 - 46" , 16/9 portrait
Active display area: 1018 x 573 mm
Resolution: 1920 x 1080 dots
- › Industrial PC (default: Windows OS)
- › 4G remote control
- › Modular and service friendly construction, not needed scheduled replacement spare parts (filters e.g.)
- › Excellent visibility in all viewing angles
- › Automatic brightness control according ambient light
- › Presents text, animation, pictures and video
- › Low life cycle costs due to reliable TFT LCD technology with LED backlight

Made to order

- › Optional operating systems (OS): Linux or Windows
- › Device with only DVI/HDMI interface screen without PC or modem



EVMED-46-E



EVMED-55-E

Product code	Technical name	Media content management		
		Industrial PC	OS	Modem
46" screen charging station				
EVMED-46-E	EVMED-46-E 2x22kW IP54 Type2 Ethernet 4G	included	Windows OS	3G/4G
55" screen charging station				
EVMED-55-E	EVMED-55-E 2x22kW IP54 Type2 Ethernet 4G	included	Windows OS	3G/4G

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 and semi-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 (dual outlet models)	22+22 (dual outlet models)	22+22
SMART	Local load management	x ⁵⁾	x	x	x
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM
FIXED CABLE	x	-	-	-	-
CABLE RELEASE	-	x	x	x	x
NEEDED RCD	A or built-in ¹⁾	built-in	A or built-in ¹⁾	built-in	built-in
CHARGING OUTLETS	1	1	1-2	1-2	2
USER CONTROL	x ²⁾	x	x	x	x
LOAD MANAGEMENT	-	x ³⁾	x ⁴⁾	x ⁴⁾	x ⁴⁾
MID-METER	-	x	x ¹⁾	x ¹⁾	x

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