ENSTO

Electric Vehicle Charging
Solutions for modern charging

Better life. With electricity.

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

Content

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.

DIREKTANNAHME

Ensto EV Manager

A service for managing electric vehicle charging devices and users

When a charging device has multiple users, managing access and keeping track of the energy consumed by each user is crucial. EV Manager makes these tasks easy.

Developed for owners of charging devices

Ensto EV Manager is a service for management of EV charging devices and users. Its intuitive user interface allows for the quick and efficient management and operation of the charging points, as well as user-specific reporting of consumption data.

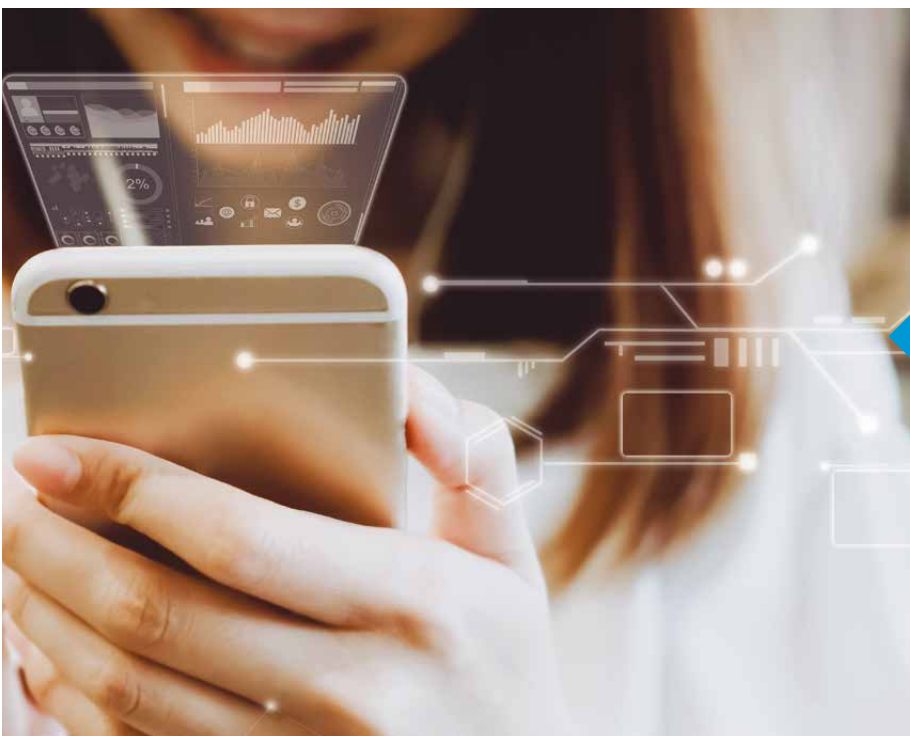EV Manager also offers the Ensto API that allow charging device owner possibility for future improvements and development of new customer-specific features and applications. With Ensto API users have enhanced opportunities for customisation. EV Manager is suitable for charging point owners of all sizes – from large companies to individual apartment blocks.

The benefits of EV Manager

The visual status dashboard shows charging device usage and any errors at a glance. EV Manager provides data on availability, disruptions and energy consumption. User-specific consumption reports simplify billing and payments.

Why choose EV Manager?

> Real-time monitoring and management
> Comprehensive management of all connected charging devices and users
> Clear and intuitive user interface
> Compatible with OCPP 1.6J charging devices
> Flexible – suitable for businesses, apartment blocks, public car parks and more

EV Manager is compatible with Ensto's EV charging devices.

EV Manager offers an intuitive user interface that allows for quick and efficient management of the charging devices and users. It also supports user-specific consumption reporting.

Ensto One Home
for single family houses

Ensto One Home makes your EV charging easy and safe. Elegant and durable charging unit is a key to super electric driving experience. Fixed cable is always available for you to use.

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

"Plug-in or full EV,

Ensto One Home is

your choice!"

EV's or PHEV's 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.

We reserve the right to changes.

IP54 ⏚ CE (5x2,5-10mm²) IK10

ENSTO

Structure

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

Installation
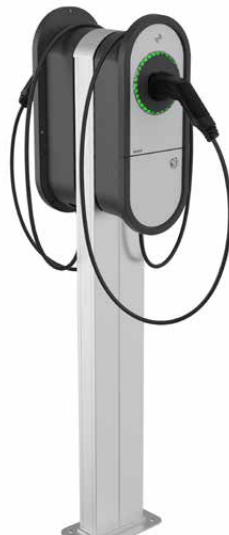
> Wall installation as a default, optionally available also pole adapter and full length pole
> 1-phase (L1, N, PE) or 3-phase (L1, L2, L3, N, PE) Cu 2.5-10 mm²
> Mobile app (Bluetooth) for adjusting operating current from 6A–16A/32A
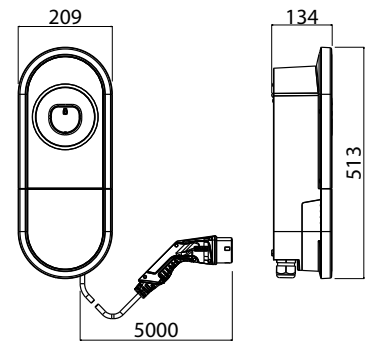
Features

> 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)

EVTL55.00

EVTL57.00

Product code	Technical name	Data connection	3,6 kW	7,4 kW	11 kW	22 kW	RCBO
Ensto One Home							
EVH161-HC000	Ensto One Home 1x16A Type2 cable IP54	no	x				
EVH321-HC000	Ensto One Home 1x32A Type2 cable IP54	no		x			
EVH161-HCR00	Ensto One Home 1x16A Type2 cable RCBO IP54	no	x				x
EVH321-HCR00	Ensto One Home 1x32A Type2 cable RCBO IP54	no		x			x
EVH163-HC000	Ensto One Home 3x16A Type2 cable IP54	no			x		
EVH163-HCR00	Ensto One Home 3x16A Type2 cable RCBO IP54	no			x		x
EVH323-HC000	Ensto One Home 3x32A Type2 cable IP54	no				x	
EVH323-HCR00	Ensto One Home 3x32A Type2 cable RCBO IP54	no				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

Ensto enables smart EV charging for everyone!

	PUBLIC CHARGING		
		WORK CHARGING		
HOME 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	-	x	x	x	x
DATA CONNECTION	-	Ethernet	**Ethernet / GSM / Wi-Fi**	**Ethernet / GSM**	**Ethernet / GSM**
FIXED CABLE	x	- / x[6]	-	-	-
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[3]	x[3]	x[3]	x[3]
LOAD MANAGEMENT	-	x[4]	x[5]	x[5]	x[5]
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] EV Manager with separate subscription
[4] Cloud based, internet access mandatory
[5] For Ethernet versions
[6] Fixed cable available only for 3,6 kW and 7,4 kW models

We reserve the right to changes.

Ensto One

for apartments

Ensto One is super easy charger for your every day needs at home. Elegant and durable design hides a super smart charging platform, which is perfect for apartment buildings.

3,6 kW	**7,4** kW
11 kW	**22** kW

"Easy and super smart charging at home!"

Ensto One – the one you need

For apartment buildings and shared charging

"Safe, easy and super smart charging platform."

Ensto One is good looking and super smart. 3,6 kW...22 kW (16A/32A) variants 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.

Super Easy Installing
Ensto One 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 makes current adjustment available if needed and that's it!

Super Easy Charging
Plug in and that's it. Type 2 socket is the most common way to charge your PHEV or full EV. Ensto One has build-in Current Monitoring module for DC current leakage detection, residual current operated circuit-breaker with integral overcurrent protection as well as MID meter.

Super Easy Controlling
Ensto One powered with EV Manager enables user management with RFID's as well as user-based consumption reporting. With Ensto Charger Control application it is possible to change basic configurations on-site.

Super 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 makes sure, that you're ready for your next super electric driving experience.

We reserve the right to changes.

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
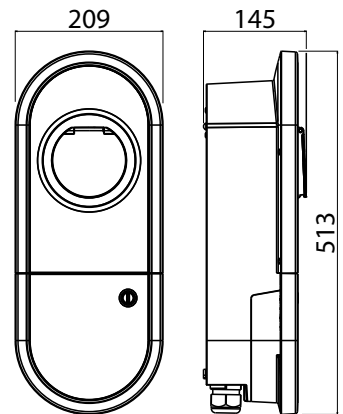> Power daisy-chain possibility within both adapters, Cu 2,5 mm² - 16 mm²

Features

> Two current versions 16A and 32A, 1-phase or 3-phase
> Operating current adjustable from 6A–16A/32A
> Type 2 socket
> Built-in Residual Current Monitoring module for DC current leakage detection (RDC-DD, 6mA)
> Residual current operated circuit-breaker with integral overcurrent protection (RCBO, 30mA)
> MID energy meter
> Capability for RFID user authentication
> Cloud based load management (internet connection mandatory)
> Cloud-based OCPP 1.6JSON Websocket connectivity available on request

EVTL55.00   EVTL57.00

209   145

513

Product code	Technical name	Data connection	3,6 kW	7,4 kW	11 kW	22 kW	Type 2 socket	Fixed cable	Schuko socket	RCBO	MID meter
Ensto One											
EVH161-A2RM0-C	Ensto One 1x16A Type2 RCBO MID EVMAN RFID Ethernet IP54	Ethernet	x				x			x	x
EVH321-A2RM0-C	Ensto One 1x32A Type2 RCBO MID EVMAN RFID Ethernet IP54	Ethernet		x			x			x	x
EVH161-A2RMD-C	Ensto One 1x16A Type2 RCBO MID schuko EVMAN RFID Ethernet IP54	Ethernet	x				x		x	x	x
EVH161-ACRM0-C	Ensto One 1x16A Type2 cable RCBO MID EVMAN RFID Ethernet IP54	Ethernet	x					x		x	x
EVH321-ACRM0-C	Ensto One 1x32A Type2 cable RCBO MID EVMAN RFID Ethernet IP54	Ethernet		x				x		x	x
EVH163-A2RM0-C	Ensto One 3x16A Type2 RCBO MID EVMAN RFID Ethernet IP54	Ethernet			x		x			x	x
EVH323-A2RM0-C	Ensto One 3x32A Type2 RCBO MID EVMAN 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

Ensto enables smart EV charging for everyone!

PUBLIC CHARGING

WORK CHARGING

HOME 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 out-door 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	-	x	x	x	x
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM
FIXED CABLE	x	- / x[6]	-	-	-
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[3]	x[3]	x[3]	x[3]
LOAD MANAGEMENT	-	x[4]	x[5]	x[5]	x[5]
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] EV Manager with separate subscription
[4] Cloud based, internet access mandatory
[5] For Ethernet versions
[6] Fixed cable available only for 3,6 kW and 7,4 kW models

We reserve the right to changes.

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 ambient lighting."

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
OCPP 1.6 and dynamic load management are basic features of Ensto Wallbox. 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 visible
Ensto Wallbox is equipped with back-lighted body. Nice ambient light makes Wallbox easy to locate and comfortable to operate.

1 Socket charger

2 Socket charger

EVB203E model

Structure

> Frame: stainless steel
> Body: PETG-plastic
> IP54
> IK10
> Ambient temperature range -30...+50 °C
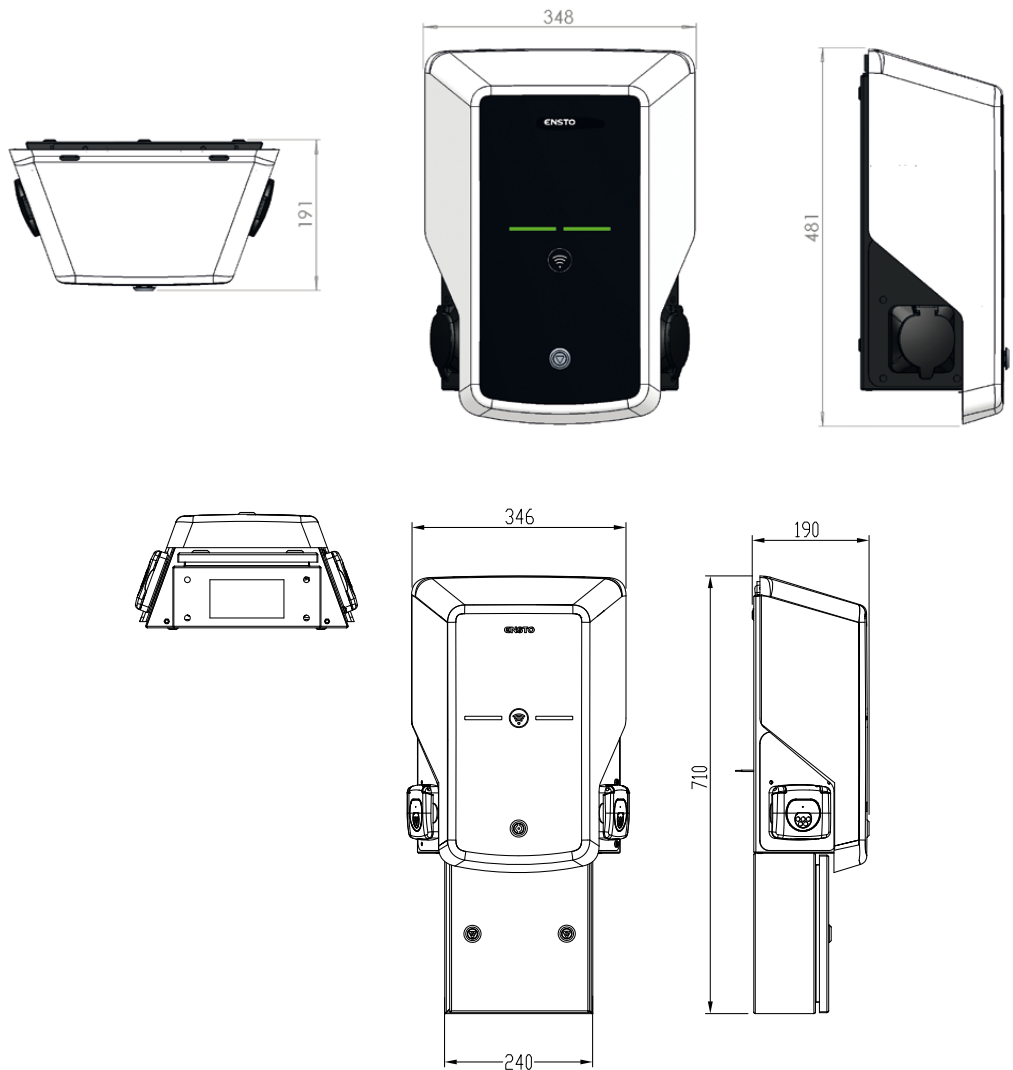> Ambient light

Installation

> Fixing to wall with included bracket
> Connection 5x2,5-50 mm^2 (copper), 6-50 mm^2 (alumium), EVB100/200-versions with MID meter, 5x2,5-50 mm^2
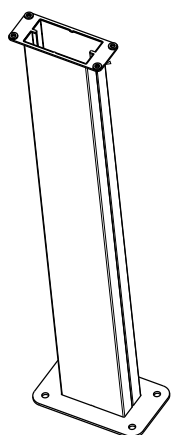
Features

> Built-in Residual Current Monitoring module for DC residual current leakage detection (RCMB 6 mA)
> Dynamic load management
> RFID user authentication
> OCPP 1.6
> 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 MID-energy meter also available
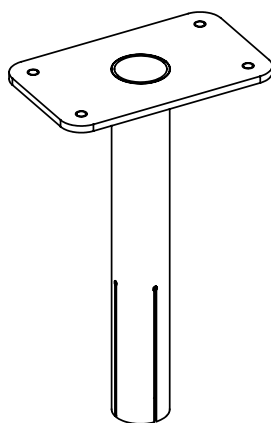
Made to order

> Factory pre-commisioning to back-end system
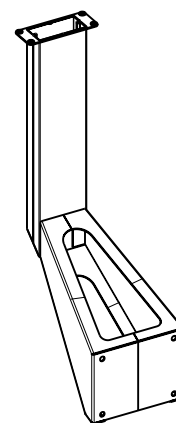
> Customizable design for your brand

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								
EVB100-ALB	EVB100-ALB 1x22kW T2 V2X LAN	22	3x32	Ethernet				Yes
EVB100-BLB	EVB100-BLB 1x22kW T2 V2X LAN	22	3x32	Ethernet	Yes			Yes
EVB100-BLBC	EVB100-BLBC 1x22kW T2 MID LAN	22	3x32	Ethernet	Yes		Yes	Yes
EVB101-ALB	EVB101-ALB 1x7.4kW T2 RCD V2X	7,4	1x32	Ethernet		Yes		Yes
EVB103-ALB	EVB103-ALB 1x22kW T2 RCD V2X	22	3x32	Ethernet		Yes		Yes
EVB103-BLBC	EVB103-BLBC 1x22kW T2 RCD MID	22	3x32	Ethernet	Yes	Yes	Yes	Yes
EVB100-AWB	EVB100-AWB 1x22kW T2 V2X WiFi	22	3x32	WiFi				Yes
EVB101-AWB	EVB101-AWB 1x22kW T2 RCD WiFi	7,4	1x32	WiFi		Yes		Yes
EVB103-AWB	EVB103-AWB 1x22kW T2 RCD WiFi	22	3x32	WiFi		Yes		Yes
Double socket chargers								
EVB200-ALB	EVB200-ALB 2x22kW T2 V2X LAN	22	3x32	Ethernet				Yes
EVB200-A4B	EVB200-A4B 2x22kW T2 V2X 4G	22	3x32	4G				Yes
EVB200-BLB	EVB200-BLB 2x22kW T2 V2X LAN	22	3x32	Ethernet	Yes			Yes
EVB200-BLBS	EVB200-BLBS 2x22kW T2 Shutter	22	3x32	Ethernet	Yes			Yes
EVB200-B4B	EVB200-B4B 2x22kW T2 V2X 4G	22	3x32	4G	Yes			Yes
EVB200-B4BS	EVB200-B4BS 2x22kW T2 S V2X 4G	22	3x32	4G	Yes			Yes
EVB203-BLB	EVB203-BLB 2x22kW T2 RCD LAN	22	3x32	Ethernet	Yes	Yes		Yes
EVB203E-BLBC	EVB203E-BLBC 2x22kW T2 RCD MID	22	3x32	Ethernet	Yes	Yes	Yes	Yes
EVB203E-B4BC	EVB203E-B4BC 2x22kW T2 RCD 4G	22	3x32	4G	Yes	Yes	Yes	Yes
Accessories								
EVTL43.00	EVB pole							
EVTL43.0E	EVB pole for EVB203E models							
EVTL44.00	EVB base adapter for pole EVB43.00							
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	-	x	x	x	x
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM
FIXED CABLE	x	- / x[6]	-	-	-
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[3]	x[3]	x[3]	x[3]
LOAD MANAGEMENT	-	x[4]	x[5]	x[5]	x[5]
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] EV Manager with separate subscription
[4] Cloud based, internet access mandatory
[5] For Ethernet versions
[6] Fixed cable available only for 3,6 kW and 7,4 kW models

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.

We reserve the right to changes.

Ensto Pro offers many possibilities for customization.

Structure

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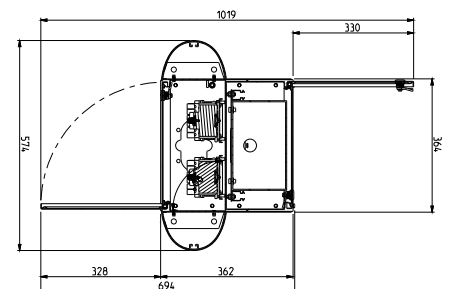> IP54
> IK10
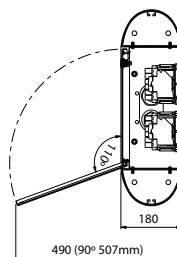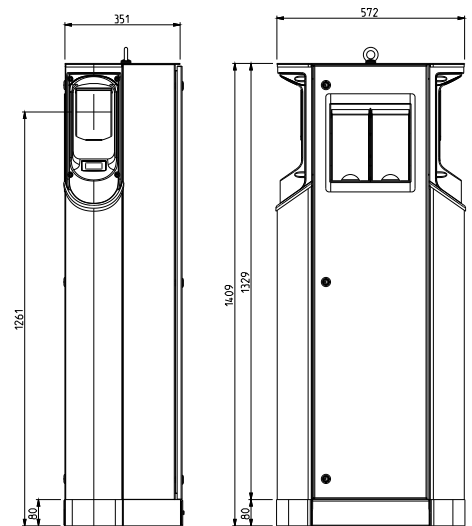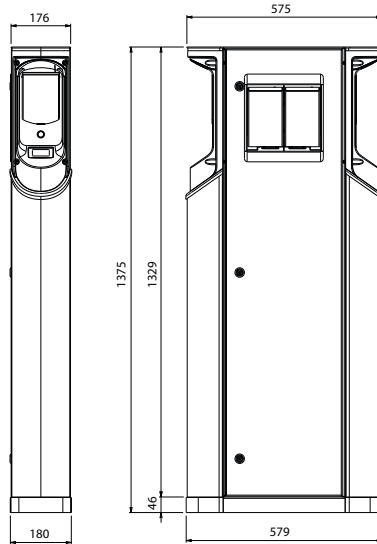> Ambient temperature range -30...+50 °C

Installation

> Fixing to ground or wall with optional brackets
> Connection 5x2,5-50 mm^2 (copper), 6-50 mm^2 (alumium)

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-commisioning to back-end system
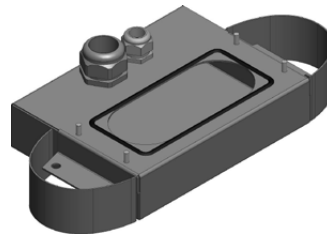> Arctic Kit - for extreme cold conditions, -30 degrees or below

EVF100, EVF200

EVF300

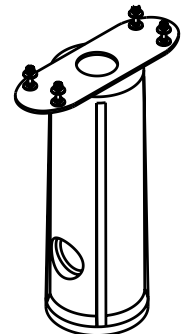| Product code	Technical name	Max power (kW)	Max current (A)	Data connection	Power cut lock release	RCD Type A + MCB	MID-meter	ISO15118 (V2X)
Single socket chargers								
EVF100W-ALB	EVF100W-ALB 1x22kW T2 V2X LAN	22	3x32	Ethernet		Yes		Yes
EVF100W-B4B	EVF100W-B4B 1x22kW T2 V2X 4G	22	3x32	4G	Yes	Yes		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

We reserve the right to changes.

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!

PUBLIC CHARGING

WORK CHARGING

HOME 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 out-door 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	-	x	x	x	x
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM
FIXED CABLE	x	- / x[6]	-	-	-
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[3]	x[3]	x[3]	x[3]
LOAD MANAGEMENT	-	x[4]	x[5]	x[5]	x[5]
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] EV Manager with separate subscription
[4] Cloud based, internet access mandatory
[5] For Ethernet versions
[6] Fixed cable available only for 3,6 kW and 7,4 kW models

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.

ENSTO

Structure

> Body: steel/aluminium, RAL 9006 "Panzer grey"
> IP54
> IK10
> Ambient temperature range -30...+50 °C

Installation

> Installation to ground

Features for Charging
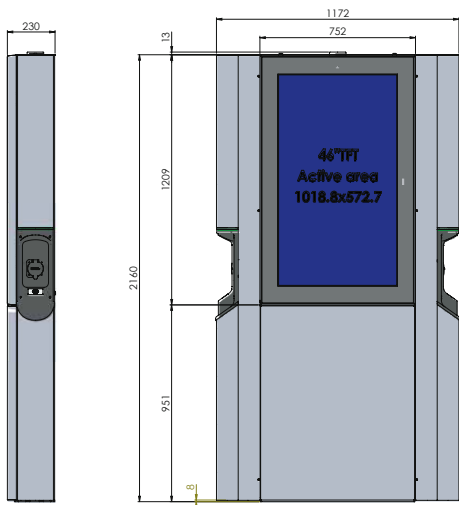
> Built-in Residual Current breaker (RCD-A + DC 6mA RCMB)
> Dynamic load management
> RFID user authentication
> OCPP 1.6
> ISO15118 communication hardware ready
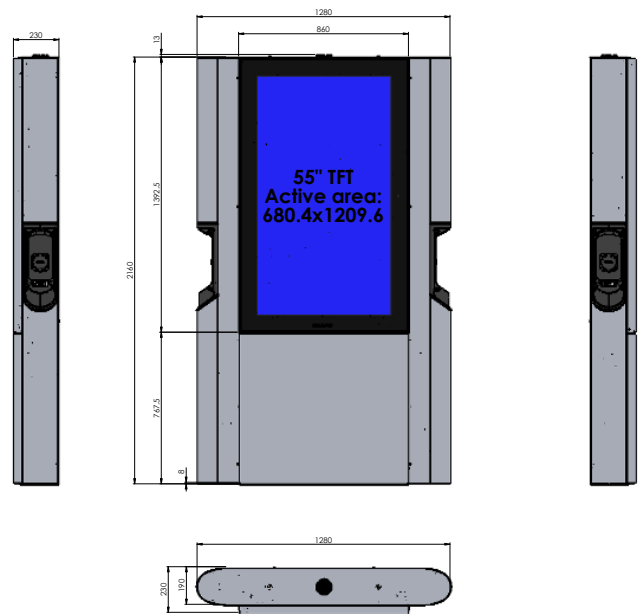> Adjustable maximum current setting, max 32A / socket

Features for Media Display

> 46" / 55" TFT LCD Display 2500 cd/m² with automatic dimming
> Industrial PC (default: Windows10)
> 4G remote control
> Modular and service friendly construction, not needed scheduled replacement spare parts (filters e.g.)

Made to order

> Optional operating systems (OS): Linux or Windows 7
> 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 10	4G
55" screen charging station				
EVMED-55-E	EVMED-55-E 2x22kW IP54 Type2 Ethernet 4G	included	Windows 10	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	-	x	x	x	x
DATA CONNECTION	-	Ethernet	Ethernet / GSM / Wi-Fi	Ethernet / GSM	Ethernet / GSM
FIXED CABLE	x	- / x[6]	-	-	-
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[3]	x[3]	x[3]	x[3]
LOAD MANAGEMENT	-	x[4]	x[5]	x[5]	x[5]
MID-METER	-	x	x[1]	x[1]	x

[1] Depending on the model, built-in or in separate enclosure
[2] Ensto Charger Control app
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[6] Fixed cable available only for 3,6 kW and 7,4 kW models

EV Manager
Connecting SMART way

Ensto EV Manager is intuitive user-interface that enables quick and efficient management, operation and control of electric vehicle users and charging stations as well as user-based consumption data reporting.

Visualize
Assess visually charging station status including alerts of possible faults.

Manage
Add new and manage existing Charging Stations and Charging Station users effiently.

Report
Create user based consumption reports.

Remote
Solve basic faults like tripped RCD or stuck charging cable remotely.

"Perfect match with Ensto EV charging stations."

EV Manager
For the big picture

WORK
Serving customers and providing service to employees

ENERGY COMPANIES
For governmental EV charging services

HOME
EV charging solutions for apartments

CAR PARKS & RETAIL
Creating business value with EV charging

OPERATORS
EV chargers and related services

VISUALIZE CHARGING STATION STATUS
Get visual information about chargers being available, unavailable, charging, suspended and fault state as well as groupings and consumption graphs.

MANAGE USERS AND CHARGING STATIONS
With EV Manager it is possible to add, edit and authorize users as well as charging stations easily.

REPORT CONSUMPTION
Report user-specific consumption data or charging point usage between desired dates.

REMOTE CONTROL
Control charging stations remotely and perform functions like start/stop charging, release cable, reset and get diagnostics.

EV Manager – Operation Plans

		Single	Dynamic
No. of charging stations		1	Up to 50
EV Manager environment		Shared	Customer specific
SLA level		Best effort	Prioritized
EV Manager features	Charging station status	Supported	Supported
	Remote control	Supported	Supported
	User management	Supported	Supported
	Consumption data	Supported	Supported
Ethernet connectivity		Supported	Supported
Ensto mobile connectivity		Supported	Supported
Customer mobile connectivity		Not supported	Supported
Integration capability to custom systems (Ensto API)		Not supported	Supported
3rd party charging station OCPP1.6J support		Not supported	Supported
SAP, building technology etc. integration capability		Not supported	Supported
Order code		**EVSER-A1038**	**EVSER-A1028**

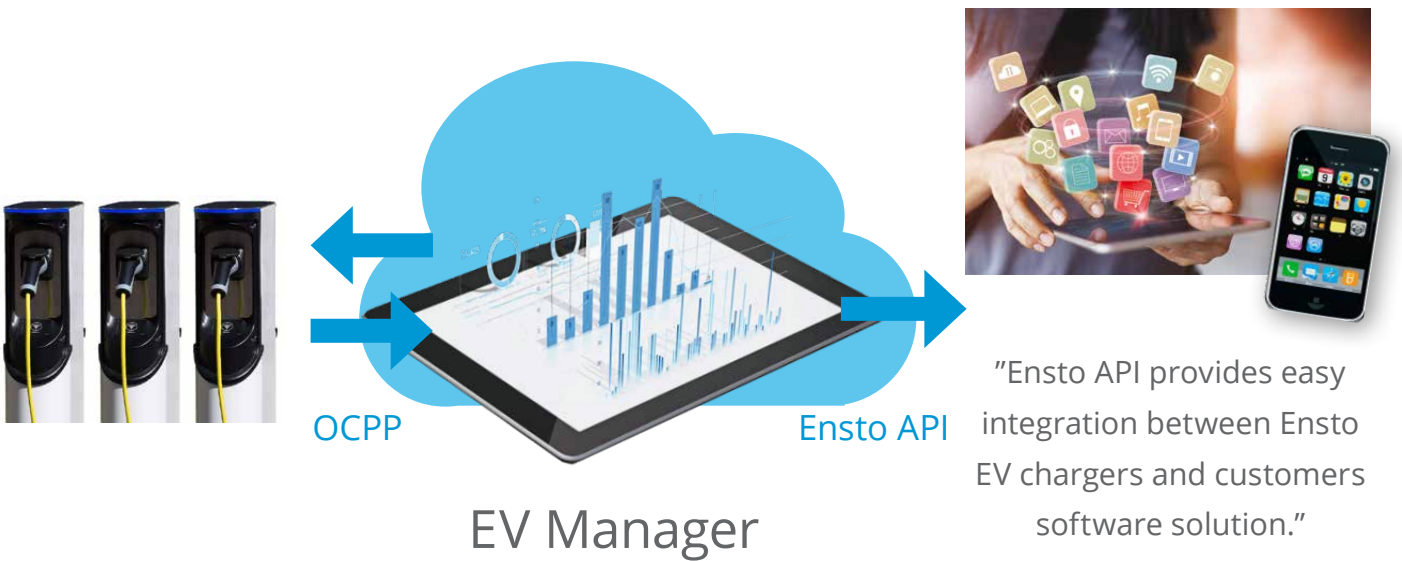We are happy talk about EV Manager operation plans for 50+ chargers.

Easy connections
to charging station

"EV Manager Dynamic Plan users get Ensto API for free."

Manage your charging stations and users through EV Manager or simply use Ensto APIs

OCPP

Ensto API

EV Manager

"Ensto API provides easy integration between Ensto EV chargers and customers software solution."

ENSTO

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