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 overcurrent protection as well as MID class energy meter.

We reserve the right to changes.

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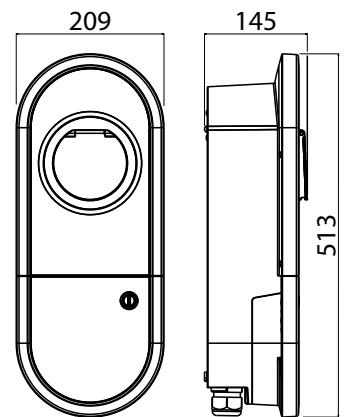> Power daisy-chain possibility within both adapters, Cu 2,5 mm² - 16 mm²

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
> Cloud based load management (internet connection mandatory)

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	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!

		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 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