

# Ensto One M-Bus

## Charger for electric vehicles with M-Bus communication

Ensto One M-Bus is a charger for electric vehicles in apartment buildings and workplaces that communicates via M-Bus. It is a combined solution from Ensto and Elvaco, consisting of an Ensto One charger and an ABB B21 single phase electricity meter.

Ensto One M-Bus is equipped with a mechanical lock, DC monitoring, RFID, Type 2 socket and a charging power of 3.7 kW (1x16A). The charger is easily configured with the Ensto Charger Control app and can be connected via LAN to the Ensto EV Manager cloud service for user management, user-specific consumption reporting and load balancing.



### Technical specification

#### Ensto One

##### Mechanics

Dimensions (w x h x d)	209 x 513 x 134
Weight	5,4 kg
Montering	Wall mounted
Casing material	Plastic
Protection class	IP54
Impact strength	IK10

##### Electrical characteristics

Nominal current	1x16A
Rated voltage	≤ 230 V
Current	AC, 50 Hz

#### M-Bus

Interfaces	M-Bus slave
M-Bus standard	EN13757-2
Addressing modes	Electricity meter's secondary address
M-Bus information	All fields in the first telegram of the electricity meter
Encryption	Unencrypted (default) or encrypted