

Easee Lite

Charge smarter with the EV charger that adapts to your charging needs and delivers the maximum power available at your home. More power, smart control and monitoring to optimize your energy consumption, with a high level of security while charging. Designed and manufactured in Norway, it is built to withstand the harshest of weather conditions.



Why choose Easee Lite?

The perfect match for home charging



Benefits

Feel safe

Safety is an important part of the design. With Easee Lite you can be assured that charging is done safely. Equipped with temperature sensors and protection to prevent overheating. Integrated RCD and access control (Turn on/off the charger via Bluetooth to control who can charge).

Warranty

Easee wants you as a customer to have confidence that you have bought lasting quality. A product from Easee comes with a 3 year* warranty.
*Some countries may have extended warranty.

3-phase charging

The charger can charge on both 1 and 3 phase and supports charging up to 11kW. It has a Type 2 standard charging connector which makes it suitable for charging all types of electric vehicles only by using an appropriate cable.

Quick Home Charge

Easee Lite will charge with the available capacity while providing you with the highest charging power available at your home. One Easee Lite Charger per fuse capacity. Maximum installation of 3 Easee Lite Chargers in one home site.

Always updated

The Charging Robot is updated with new features continuously. This way, you know that you have purchased a safe and future proof product.

Connectivity

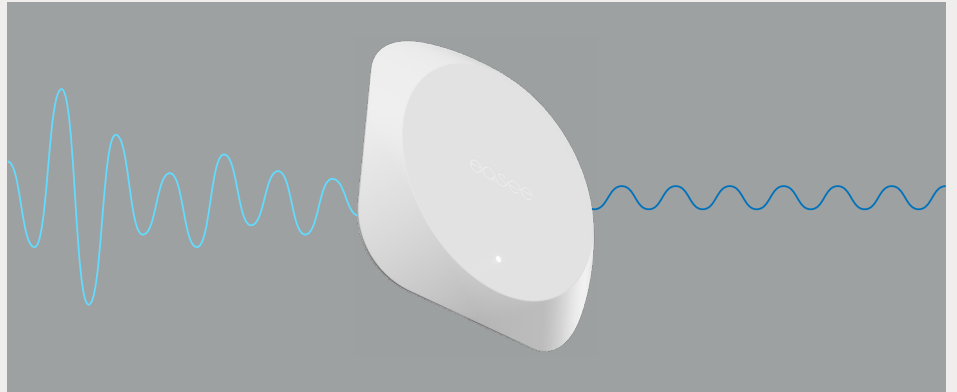
Functionality of the charger can be locally controlled from your phone with our built-in Bluetooth to monitor and control your charging experience. Cloud services will be available by subscription.

Why choose Easee?

- Take control of your charger with the Easee App.
- Universal, fits all types of electric vehicles & power supplies.
- 3 year warranty, from the day the charger is installed.
- The Charging Robot is smaller than an A4 page & only weighs 1.5kg.
- Designed and manufactured in Norway.

The perfect match for your charger*

* Easee Equalizer add-on required



Dynamic Load Balancing

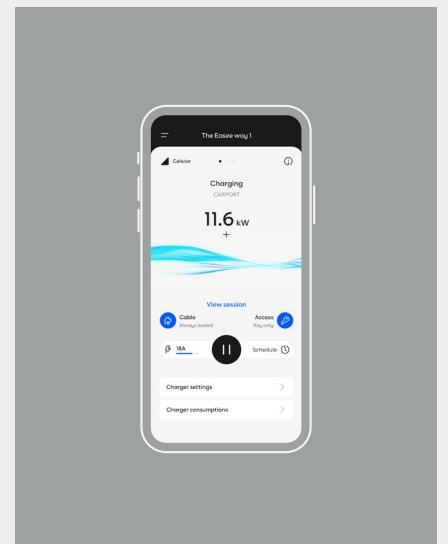
- The Easee Equalizer allows you to use all available power for car charging by constantly balancing the available energy between your home and your charger to distribute it efficiently where needed.
- Direct communication with Easee chargers through Easee Link™ (combination of radio and wifi) - ensuring the automatic load balancing will continue to work even if the connection with the cloud is interrupted or there is a problem with your WiFi.

Solar charging

- With the Easee Equalizer you will be able to charge your electric vehicle (EV) with excess solar energy generated from a solar panel system or any other renewable source.
- Charge your car with clean and renewable energy without grid electricity, or a mix of both, while balancing the energy supply and demand on the grid.
- Solar: will charge your car using only surplus energy.
Grid + Solar: will use energy from the grid and solar.

Easee App

With the Easee App, you will have local control over your charger by connecting to Bluetooth or WiFi (future proof with 4G upgrade available). Easee updates the app periodically to make your Charging Robot even smarter.



Specifications

Measurement
in mm



Technical

General

Dimension (mm): H: 256 x W: 193 x D: 106
Wall mounting (mm): c/c H: 160 x W: 125
Operating temperature: -30 °C to +50 °C
Weight: 1.5 kg
Manufacturer warranty: 3 years

Connectivity

WiFi 2.4 GHz b/g/n
Bluetooth 4.3
Easee Link^{RF} (between Charging Robot and Equalizer)
RFID/NFC reader for access control
Easee App for control and monitoring

Electrical

Voltage: 3x 230 V / 400 V AC (±10%)
Grid frequency: 50 Hz
Power grid: TN, IT, TT
Charging power:
– 1-phase: 1.4 kW (6 A) – 7.4 kW (32 A)
– 3-phase TN: 4.1 kW (6 A) – 11 kW (16 A)
– 3-phase IT: 2.4 kW (6 A) – 11 kW (28 A)
Chargers per circuit: 1
Connection point: Type-2 socket
Automatic adjustment of charging speed based on available current (Equalizer required)
Automatic charging with solar generation (Equalizer required)
Automatic phase balancing (Equalizer required)
Built-in energy meter

Safety

Protection

Overload protection according to EN IEC 61851-1:2019
Built-in RCD protection (AC 30 mA / DC 6 mA)
Water/dust: IP54
Impact resistance: IK10
Insulation class: I
Overvoltage category: III
14 built-in temperature sensors for detection of poor connections and faults

Theft protection

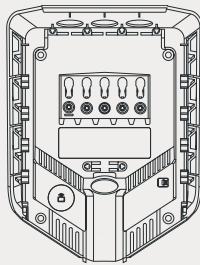
The charging cable can be locked permanently in the charging station
Padlock bracket for theft protection

Installation

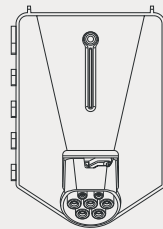
Auto detection of power grid (TN, IT, TT)
Circuit breaker: Max 40 A
Type A RCD must be installed upstream
Fuse size must be configured in the backplate using the Installer App

Wire cross-section: up to 16 mm² (single cable)/ up to 10 mm² (parallel connection)
Cable diameter: 8-22 mm
Terminal tightening: 5 Nm
Cable strip length: 12 mm

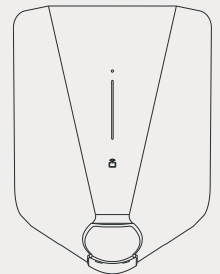
Included in the box



Backplate



Chargeberry



Cover



Installation kit

4x wall screws
2x strain relief + screws T25
3x blind plugs
2x sealing plugs

Accessories to the charger



Equalizer

The Equalizer is a small, smart device that connects to your electricity meter. It maximises charging power or limits current to save cost by monitoring the home electricity usage and controlling the charger.

What can you do with the Equalizer?

- Dynamic load balancing between Charging Robot and the overall consumption of the building.
- Solar charging: Enable full utilization from your building's solar panels or any renewable energy source.



Equalizer AMP

No smart meter?

Easee Equalizer Amp is a cost efficient and easy-to-install measurement device that can read the power usage of a building, making it possible to use the Easee Equalizer and enabling dynamic load balancing in settings where you do not have access to a smart meter.



U-Hook

Upgrade your home with a stylish hook to hang the cable between charging sessions, prevent dust and water from collecting in the cable connector and keeping the cable clean.

Available in stainless steel or 3 coloured powder coated finishes.



Charging cable

A 7.5m high quality charging cable supporting all AC charging situations up to 3-phase 22kW (32A) charging.

- Durable, made for permanent outdoor use in all weather.
- Sleek design, to match the charger.
- Protection cap to prevent water from entering the Type-2 contact.
- On-the-go charging cable for public charging.



Easee Ready

Our innovative backplate and blind cover solution allows you to prepare for future charge point installations at a minimal cost.

- Upgrade to an active charging point upon demand without having to call an installer.
- Branding area to customize installer company or partner contact information.
- Low cost preparation for future charging point at any building/home.



Easee Base

Easee Base is a robust and weatherproof post that gives you more freedom to install the Charging Robot where it suits you best. It has four configurations that support single, dual, triple and quad chargers.

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