

Easee Lite

An Easee, reliable and future proof EV charger that simplifies the charging needs of home owners. Designed and manufactured in Norway, it is built to withstand the harshest of weather conditions. With its smart technology, Easee Lite minimizes charging costs whilst providing an effortless and efficient charging experience.

Market segment: Home owners.



Why choose Easee Lite?

Easee. Reliable. Future proof.



Benefits

3-phase charging

Distributing the charging load on all 3 phases in a home enables faster charging when needed. For cars and/or grids allowing 1-phase only, the charger still supports up to 32A (7.4kW).

Installation

Predictable and low-cost installation. Configuring an Easee charger at home has never been easier; install and set up a completely new charger within minutes. You can load balance up to three Easee Lite Chargers in one home.

Easee App

End users can access the easy-to-use Easee App for controlling and monitoring their charger or use a 3rd party app from the operator providing value added services.

Integrations

With WiFi and Bluetooth built-in, the charger is integrated with the free Easee App to monitor and control charging, even without a cloud involved (Bluetooth only).

Configuration

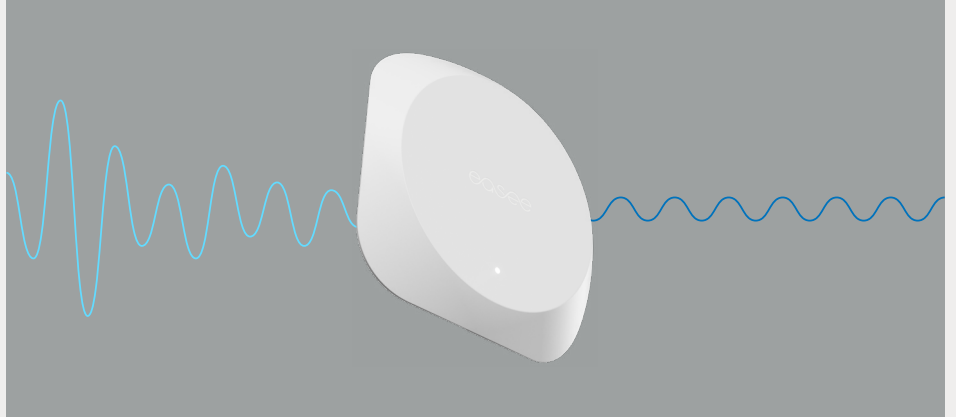
Fast setup and configuration is done with an installation app, NFC and the backplate. Setting a site up for a 3rd party operator is done in seconds. Replacements can be done without new configuration or an installer; just swap it out.

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



Phase balancing

Patented phase balancing technology. Always get the most energy available. The charger automatically connects the input phases to different outputs, allowing for better utilization of the available current in the home, even when using small main fuses.

Fuse balancing

The charger automatically adjusts charging speed to avoid the main fuse tripping while still optimising charging.

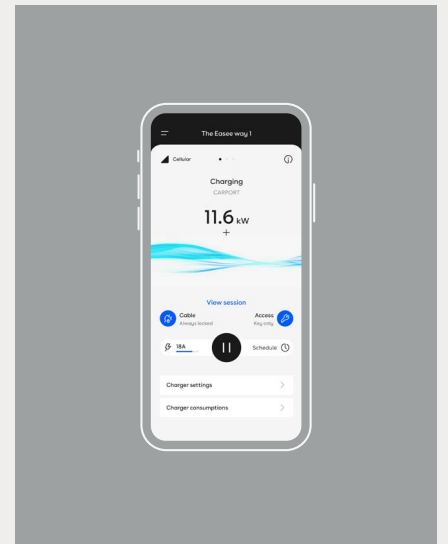
Solar charging

Charge your electric vehicle (EV) with excess solar energy generated from a solar panel system or any other renewable source so that you can automatically charge using this energy, instead of selling it back to the grid at a lower rate.

Easee App

The Easee App allows the end user to manage their Easee Charging Robot and have access to all their facilities.

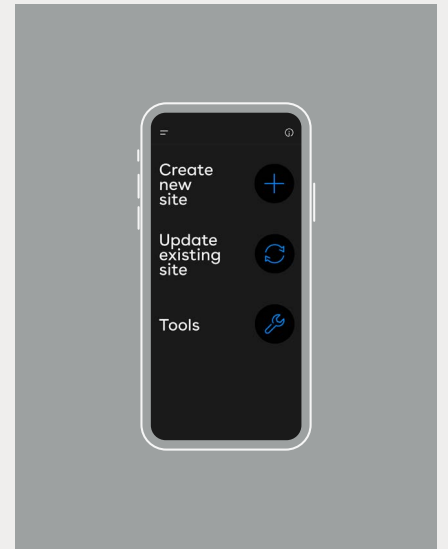
With the Easee App, the end user will always have local control over their Charging Robot. The Easee Charging Robot is always connected as it supports Bluetooth and WiFi (future proof with 4G upgrade available).



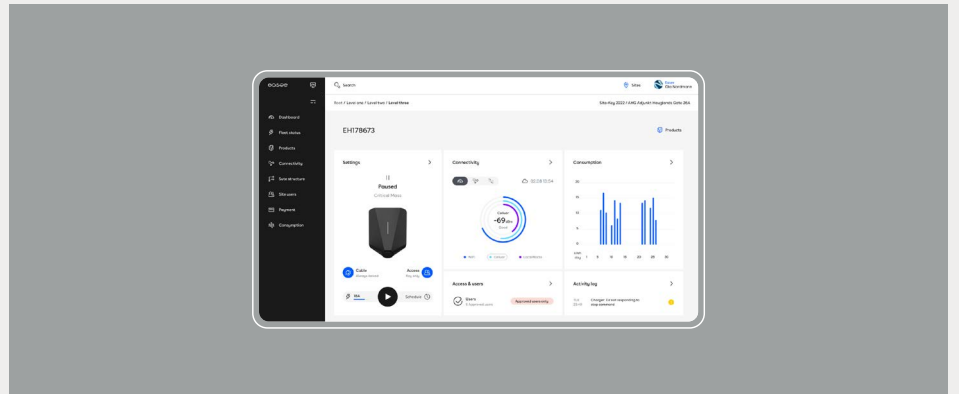
Easee Installer App

Easee knows the installer's time is precious so has taken great care to make their life Easee! Configuring Easee chargers can be done from the Easee Installer App made specifically for installers. The app is intended for both Android and iOS and can be downloaded from the application store.

- Fast all-in-one installation software.
- Overview of installations.
- Tools to get diagnostics and troubleshoot on-the-go.
- Create sites or edit an existing site.
- Create circuits on a site.
- Add backplates to a circuit.
- Read a backplate.
- Factory reset a backplate.
- Support on-the-go through a dedicated phone number for installers.



Easee Charge Point Management - paid services



With the Easee Charge Point Management tool you can manage and keep control of one or more charging facilities you have access to.

In addition, the portal is used to manage the user profile and your customer relationship with us. Get full control of your products and business!

Easee Cloud

From your Easee Cloud profile you can easily manage your personal account. Here you get access to your Charging Robots and your personal consumption.

Dashboard

Customise your dashboard the way you want. Check how many Charging Robots are charging, how many are fully charged and how much power they use.

Consumption

As an administrator, you can see details about the consumption of the system per week, month or year for all users and all chargers. Users can see their personal consumption via their Easee Cloud profile.

Charge Point

We have made it easy for you to monitor the load on your charging system. You decide what information you want to have available.

Users & roles

As the administrator of a charging system, you easily invite users with their phone numbers. Users manage their Easee Keys from their own Easee Cloud profile.

Reports

Generate detailed reports for consumption on chargers, users or Easee Keys. The reports have an automatic calculation of VAT.

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

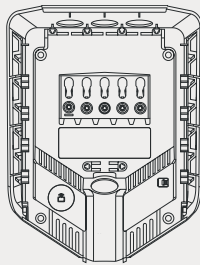
The charging cable can be locked permanently in the charging station
Padlock bracket for theft protection

Installation

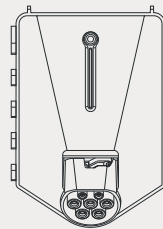
Auto detection of power grid (TN, IT, TT)
Circuit breaker: Max 40 A
Type A RCD must be installed upstream
Fuse size must be configured in the backplate using the Installer App

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

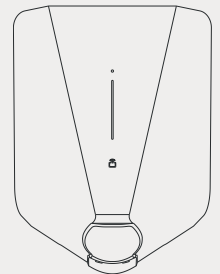
Included in the box



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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