

Charge Max

A home electric car charger designed to deliver accurate energy readings, transparent billing and complete charging cost control through an integrated MID compliant energy meter.

Powerful. Accurate. Durable.



Why choose Charge Max?

Powerful. Accurate. Durable.



Benefits



MID-certified

Charge Max features a MID-certified meter designed to ensure precise energy readings and billing for users, in compliance with the EU Measuring Instruments Directive.

1. Get reimbursed for charging your company car at your private or semi-private residential location ensuring a seamless charging experience wherever you are.
2. Trust the charging consumption measured by the charger with a proven accuracy of $\pm 1\%$.
3. Monitor the charger's energy consumption directly via the built-in display, Easee App, or the Easee Control portal.
4. Allow your guests access to your charger and pay for consumption used.

A comprehensive solution for efficient fleet charging management with automated payment processing, invoicing, home charging reimbursement, and the flexibility for employees to charge at any location through our partners' facilities.

Benefits



Powerful

Charge on both 1 and 3-phase electrical power supplies, with charging speeds of up to 22 kW. Distributing the charging load on all 3 phases enables faster charging when required. The charger has a Type 2 standard charging connector.



Smart safety

Equipped with several smart safety functions: advanced temperature sensors, self-testing RCD and faulty wiring detection. The chargers are continuously updated with the latest functionality via our over-the-air software updates. This way, you know you have purchased a safe and future-proof product.



Dynamic load and phase balancing

Dynamic load and phase balancing locally, ensuring optimization of energy usage while protecting the fuse.



All-in-one charger

Charge Max is suitable for home use and company cars reimbursement – supporting all EVs, phases and power grids. Backward compatibility means you can easily upgrade your existing charger by reusing the already installed backplate.



5 year warranty

Charge Max is offered with a 5 year warranty as standard. This way you can feel assured your charger is fully covered and you have bought a durable product.



OCPP

With OCPP and signed charging transactions, Charge Max has the capability to seamlessly integrate with any compliant management and payment system. Read more at developer.easee.com



Installation

Predictable and low-cost installation. An authorized electrician can configure and set up quickly with the Easee Installer App by programming the backplate via NFC. The pre-configured NFC tag ensures effortless and speedy replacements, removals and upgrades in future.



Fair charge and cost distribution

The intelligent queuing system ensures charging without overloading the available power supply. When a charging station has multiple owners, you can keep track of the power consumption of each one, by registering their charging sessions with an RFID chip or through the Easee App.

Charger features

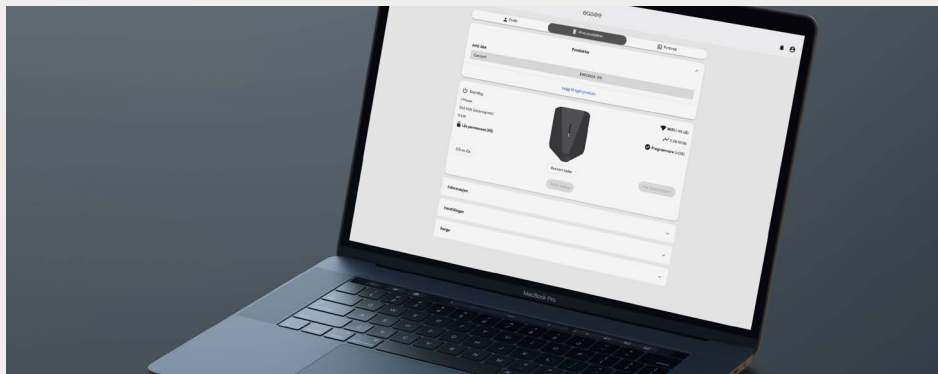


Charge Max

Home charging	3-phase charging speed TN/IT	22 kW / 12.7 kW
	1-phase charging speed TN/IT	7.4 kW / 7.4 kW
	Chargers on a single site	3
	Colour	black ¹
	Easee Link™ Local Load balancing	✓
	Easee Link™ Local Phase balancing	✓
	Built-in AC&DC RCD protection	✓
	Temperature monitoring	✓
	Overload protection	✓
	OCPP 1.6J	✓
	Energy balancing with the building ²	✓
	Solar charging support ²	✓
	Built in LTE CAT-M1	✓
	Built-in RFID/NFC sensor	✓
	Over-the-air updates	✓
	WiFi and Bluetooth	✓
	Easee Link™ Local Fuse balancing ²	✓
	Service provider ready	✓
	Replaceable covers	✓
	Lightstrip interface	✓
	45 degree self-draining Type 2 socket	✓
	MID Certified	✓

1. White covers can be purchased separately.
2. Easee Equalizer required.

Digital services



Easee Control

With Easee Control, you can manage and keep track of one or more charging sites.

- Manage one or more charging sites.
- Dashboard showing the status of the site.
- Full control of every single EV charger.
- Keep track of each person's electricity usage by having them register charging sessions with an Easee Key (RFID tag) or through the app.
- Set charging price.
- Grant access and assign roles.

- Users can manage their personal account, manage their Easee Keys and access personal consumption.
- Check the condition of each individual charger, wifi signal, connection strength to the mobile network, software version and more.
- Generate consumption reports and export as PDF, Worksheet or CSV and more...

Read more at easee.com/en/products/services/control

Easee App

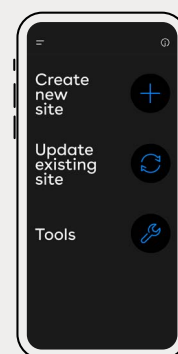
With the Easee App, you have access to all your charging locations and individual chargers within each site. Easee chargers support both Wifi and come with built-in LTE Cat M1, which improves connectivity. You also have the option to connect to your charger(s) via Bluetooth, giving you an even smoother user experience and access to lots of useful features.



Easee Installer App

We know the installer's time is precious so have taken great care to make their life easier. Configuring Easee chargers can be done quickly and easily from the Easee Installer App.

- Fast all-in-one installation software.
- Overview of installations.
- Diagnostic tools and troubleshooting on-the-go.
- Create or update existing charging sites.
- Create new circuits.
- Add backplates to a circuit.
- Read a backplate.
- Factory reset a backplate.
- Support via a dedicated phone number for installers.
- Bluetooth for offline connection to charger.

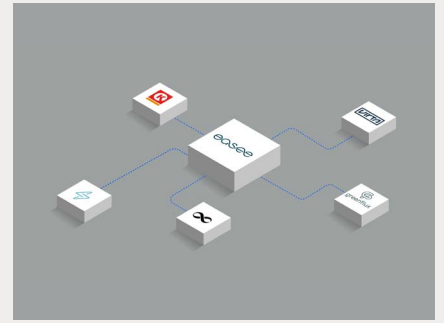


Easee Integrations

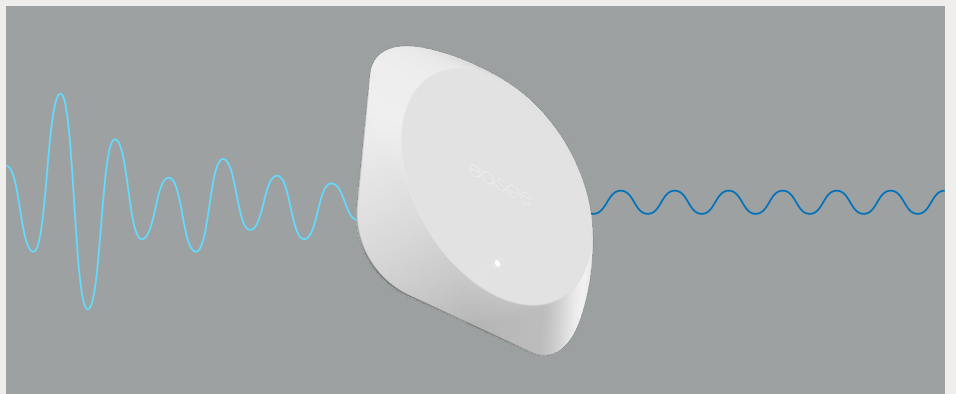
Easee Integrations Platform is a versatile solution, enabling effortless connection with the Easee charging infrastructure and its suite of services.

Our platform offers a range of tailored options for CPOs and Service Providers, ensuring flexibility to meet their specific requirements.

Read more at developer.easee.com



A powerful setup with the Equalizer



Energy balancing

The Easee Equalizer enables you to charge faster and safer. It balances all available power between the chargers and the building. This allows for better utilization of all available energy, which makes it possible to scale the installation even further.

Phase balancing

Easee's patented phase balancing technology inside all Easee chargers allows automatic selection between 1-phase and 3-phase charging, based on the available capacity for each phase. This information is provided locally via Easee Link™; a combination of radio and WiFi.

Main fuse protection

The charge manages charging speed and balances phases and loads across all connected chargers to prevent the main fuse from tripping.

More reasons to choose Easee

- Reliable and consistent performance.
- Ecosystem of smart electrical devices.
- Future-proof solution that is always up-to-date.
- User-friendly Easee App.
- Built to withstand harsh weather conditions.
- Small and lightweight.
- Designed and manufactured in Norway.
- The charging cable can be permanently locked to the charger, so you do not have to take it with you every time.
- Manufacturer warranty: 5 years in accordance with Easee's warranty procedure.

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 +40 °C.
Weight: 1.6 kg.
Manufacturer warranty: 5 years in accordance with Easee's warranty procedure.
Product no.: 10233
EAN: 7090052312087

Connectivity

Wi-Fi 2.4 GHz b/g/n.
Bluetooth 4.2.
Built-in LTE Cat M1.
OCPP 1.6J.
Easee Link™ 868 MHz Radio¹.
Built-in RFID/NFC reader for access control.
Easee App for control and monitoring.
Easee Control for charging management.
Lock feature and charging status with Apple watch.

Sensors and indicators

Light strip showing the status of the charger.
Touch button for manual adjustment.
Temperature sensors in all main contacts.

Electrical

Voltage: 3 x 230 V / 400 V AC (±10%).
Grid frequency: 50 Hz.
Power grid: TN, IT, TT.

Charging power:
– 1-phase: 1.4 kW (6A) - 7.4 kW (32A).
– 3-phase TN: 4.1 kW (6A) - 22 kW (32A).
– 3-phase IT: 2.4 kW (6A) - 12.7 kW (32A) .

Install up to three chargers at one home site.
Connection point: Type-2 socket (Mode 3).
Load and phase balancing works offline.
Automatic adjustment of charging speed based on available current².
Automatic phase balancing.
Automatic charging with solar generation²
Built-in energy meter MID Class B (±1 %) according to EN 50470-3.

Read more at easee.com/manuals

1. Easee Link™ is the communication method between Easee products. It is based on radio signal but also WiFi, if available.
2. Equalizer required.

Safety

Connection point protection

Overload protection according to EN IEC 61851-1:2019.
Integrated RCD type A 30 mA AC according to EN 60947-2, and 6 mA residual direct current detecting device (RDC-DD) complying with IEC 62955, 9.9.
Dust/water: IP54 (backplate is IP22 without cover).
Impact resistance: IK10.
Overvoltage category: III.
Multiple sensors constantly monitor the charger to protect against any faults that could compromise safety.

Read more at easee.com/manuals

Theft protection

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

Installation

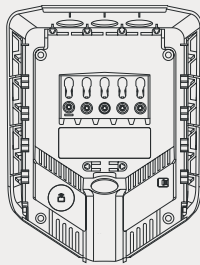
Auto detection of power grid (TN, IT, TT).
Circuit breaker: Max 40 A.
Wire cross-section: Up to 16 mm² (single cable) / up to 10 mm² (parallel connection).
Cable diameter: 8-22 mm.
Terminal tightening torque: 5 Nm.
Cable strip length: 12 mm.

Complies with the following regulations

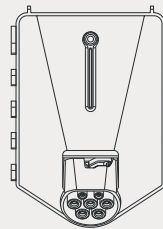
2014/53/EU (RED).
2011/65/EU (RoHS).
2014/30/EU (EMCD).
2014/35/EU (LVD).
MID 2014/32/EU
The Electric Vehicles (Smart Charge Points) Regulations 2021

See DoC for details at easee.com/doc

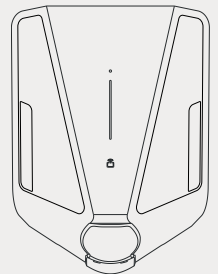
Included in the box



Backplate



Chargeberry



Cover



Installation kit

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

Accessories for the charger



Equalizer

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

What can you do with the Equalizer?

- Dynamic load and phase balancing between the charger and the overall consumption of the charging site.
- Solar charging: enable full utilisation from your charging site's solar panels or any renewable energy source.



Equalizer AMP

No smart meter? Easee's Equalizer Amp is a cost efficient and easy-to-install measurement device that can read the power usage of a charging site. It is used with the Easee Equalizer to enable dynamic load and phase balancing in settings where there is no access to a compatible smart meter.



U-Hook

Upgrade your charging sites with a stylish hook to hang the cable between charging sessions, prevent dust and water from collecting in the cable connector, and keep the cable clean. Available in stainless steel or three colour powder coated finishes.



Charging cable

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

- Durable, made for permanent outdoor use in all weather.
- Sleek design alongside the charger.
- Protective cap for transportation.
- 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 minimal cost.

- Branding area to customise installer company or partner contact information.
- Low cost preparation for future charging points at any building/charging site.



Easee Mount

Easee Mount makes sure the EV charger is securely mounted on challenging surfaces. The mounting plate is constructed in a way that gives you a uniform and flat surface that covers the entire back of the EV charger. The plate can be mounted on surfaces as narrow as 40mm. The mounting plate consists of a steel cover and integrated cable hook with a durable and scratch resistant powder coating.



Easee Key

The chargers can be set up with restricted authorisation that can be unlocked by using an Easee Key. To initiate a charging session, you simply hold the key tag against the charger.

This functionality is based on RFID technology, allowing the use of other RFID-enabled cards and tags, such as a credit card, workplace key cards etc.

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