Easee Charge

Easee Charge maximises the available electrical capacity within the building using dynamic load and phase balancing. The ultimate solution for delivering EV-Charging at scale for workplace, apartment blocks, car parks and fleet.

easee®

Innovative commercial charging

Benefits

- Fully dynamic charging power 1.4 - 22kW
  (1 and 3 phase charging)
- Reduces capacity requirements by up to 90%.
- Load balancing of up to 101 chargers per fuse
- Automatic queuing system
- The load and phase balancing works offline
- WIFI connectivity
- Integrated eSIM in each box, free subscription
  included for life
- Permanent locking of the Type 2 cable
- Integrated earth fault protection - (Integral-type B RCD)
- Integrated RFID reader (NFC / ISO 14443 and MiFare Classic)
- Supports whitelisting of RFID tags, approved tags
  is automatically stored locally in each charging robot
- Energy measurement (+/- 3%), -for reading charge consumption
- Developed and manufactured in Norway
- The box is 69% smaller than other solutions
  and weighs only 1.5kg
- 3 year warranty, from the day the charger is installed
- Universal, fits all types of electric cars & power supplies
- Manual and digital control (Free Easee app)
- You choose the colour

Why choose Easee Charge?

22kW

Full of power

The charger can charge on both 1 and 3 phase and supports charging up to 22 kW. It has a Type 2 standard charging connector.

101pcs

Load balancing

Easee enables load balancing of up to 101 pcs. charging robots on a single circuit. It can operate both online and offline. Requires wifi mesh in larger facilities for 100% offline guarantee.

10x

Quick charge

With Easee Charge, you can charge up to 10x* times faster than with a regular outlet. It charges as quickly as possible with the available capacity and provides you with the highest charging power. *10x times faster charge requires a 3-phase installation. With 1 phase you will still get 3 times faster charge.

eSIM

Internet access

All our charging robots are connected to the internet through mobile network*. If you buy now you get a internet subscription included for life. That means you don't have to worry about having wifi coverage in your garage. *Assuming cellular coverage is available.

69%

Small

The charging robot is 69% smaller and lighter than other electric chargers, with similar functionality. It weighs only 1.5kg! This means that we save the environment at least 4 kilos of copper and plastic per produced charger.

24/7

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.

5x

A colorful choice

We have covers in five different colors; White, Anthracite, Red, Blue and Black. The choice is yours.

3yr

Warranty

We want you as a customer to have confidence that you have bought lasting quality. A product from Easee comes with a 3 year warranty.

Why choose Easee Charge?

Easy to scale

We have made it easy and affordable to invest in modern and forward-looking charging infrastructure. With "Easee Ready" docking station you get a completely EV ready charge point at low cost. By pre-installing the infrastructure within the building, upon demand Easee Charge can subsequently be deployed with our innovative "Plug & Play" technology at no additional installation cost.

The charging robot acts as an intelligent junction box and it supports the expansion of multiple charging stations on the same cable. This allows you to easily scale the system.

Fair charge and cost distribution

The Easee Charge have a fully autonomous load balancing system built-in ensuring that the power draw is evenly balanced. The intelligent queuing system ensures that all cars are charged without overloading the available power supply.

The Easee Charge measures accurate power consumption through its built-in power meters. When a charging station has multiple owners, you keep track of the power consumption of each one, by registering their charge with a RFID chip or through the app.
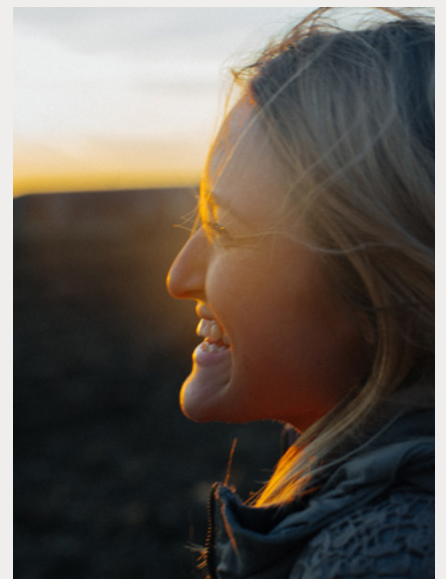
Why choose Easee Charge?

Made in Norway
- for Norwegian weather conditions

We develop and manufacture our products in Norway. Our products are developed for being able to withstand harsh environments. Not only is it tough it is also small! Our charging robot is 69% smaller than other ev-chargers. It only weights 1,5kg. We have strived to contribute to a sustainable future and are saving the enviroment for 4 kilos of copper and plastics per produced charger.

The charger thrives just as well on the outside of a house as inside a garage. Its components are of high quality and is composed in a very special way. It is IP56 certified and designed to withstand the Norwegian climate.

We want you as a customer to have confidence that you have bought lasting quality. One product from Easee comes with a 3 year warranty.
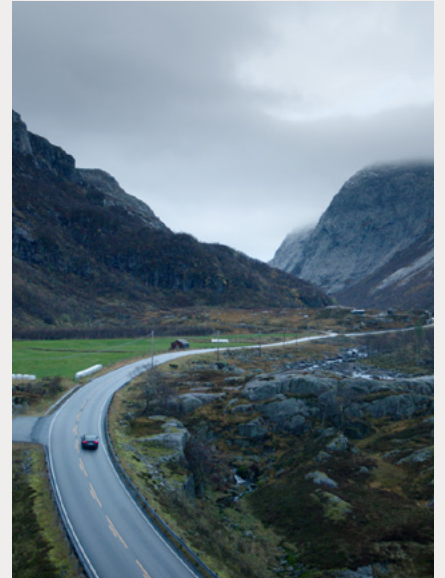
Feel safe

We've added 3 extra levels of security, so that we can sleep well at night, knowing that you can do it too. Safety is an important part of the design.

With an Easee Charging Robot you can be assured that charging is done safely. The charging robot is designed to the latest standards. In addition, there is built-in electronic earth fault protection that ensures detection of DC and ground faults.

The charging robot is also equipped with temperature sensors and protection to prevent overheating. You also don't have to worry about crooks, the charging cable can be permanently locked in the box via the app or the local wifi interface.

Specifications

Measurement
in mm

W:193

D:106

H:256

Technical

General

Dimension (mm): H: 256 x W: 193 x D: 106
Wall mounting (mm): cc H: 160 x W: 125
Operating temperature: - 30°C to + 40°C
Weight: 1.5 kg

Charging

Charging power: 1.4 - 22 kW
6A 1 phase - 32A 3 phase (automatically
adjusted in relation to available capacity)
Up to 7.36kW at 32A 1 phase
Up to 22kW at 32A 3 phase (TN grid)
Number of phases: 1 and 3 (fully dynamic)
Charging connector: Type 2, Female (IEC
62196-2)
Voltage: 230V / 400V AC (+ -10%)
Load balancing of up to 101 pcs. charging
robots per fuse
Load and phase balancing works offline
Automatic locking of charging connector
Built-in energy meter

Connectivity

Built-in eSIM (2G / 4G / GPRS / Cat-M1)
WiFi 2.4 GHz b / g / n connection
Control charging with the Easee app
RFID / NFC reader
OCPP 1.6 via our API

Sensors and indicators

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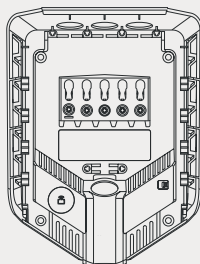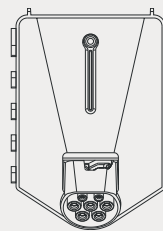Brightness control sensor
Temperature sensors in all main contacts

Colours

White   Antrachite   Red   Blue   Black

Safety	Protection	Complies with the following standards

Protection

Built-in Type-B ground fault protection
(30mA AC / 6mA DC)
Enclosure degree: IP54 (electronics module)
Impact resistance: IK10
Fire class: UL94
UV resistant
Insulation class: II
Over voltage category III (4,5kV AC and 6kV
impulse insulation tolerance)

Theft Protection

Electronics can be deactivated and tracked
in case of theft.
The electronics can be permanently locked
using a padlock (not visible).
The charging cable can be locked
permanently in the charging station.

Complies with the following standards

2014/30/EU (EMC)
2014/35/EU (LVD)
2011/65/EU (RoHS)
EN 50412-2-1: (2005)
EN 55014-1: (2017)
EN 55014-2: (2015)
EN 55024: (2016)
EN 61851-1: (2019)
EN 61851-22: (2002)
EN 61000-3-2: (2019)
EN 61000-3-3: (2013)
EN 61000-3-11: (2000)
EN 61000-3-12: (2011)
EN 61000-6-2: (2016)
EN 61000-4-13: (2002) +A1:09+A2:16
EN 62196-1: (2014)
EN 62196-2: (2017)
EN 62321-1: (2014)
EN IEC 63000: (2019)
EN 300 328 v.2.1.1
EN 301 489-1 v.2.1.1
EN 301 489-17 v.2.1.1
IEC 61439-1: (2011)
IEC 61439-7: (2018)
IEC 62233: (2005)
Radio Equipment Directive 2014/ 53/EU
ROHS directive 2011 /65/EU
CE Konform

Installation

Power grids and fuses

Installation network: TN, IT and TT
(detected automatically)
Installation circuit breaker: Max 63A overload
protection. The short-circuit current at the
charging point (IkMax) must not exceed 10kA.
If required by the installation, class A earth
fault protection can be used for the circuit.

Integrated circuit in backplate

Cable cross-section:	1.5-10 mm2
Cable diameter:	8-22 mm
Terminal Tightening:	5 Nm
Cable Strip Length:	12 mm

The product contains

Backplate

Chargeberry

Cover

Distribution UK

Easee is distributed and maintained by a network of qualified partners and resellers. Find more information and your local partner at:

www.easee-international.com