

Easee Home

Easee Home is intelligent and adapts to all electric vehicles, power voltages and mains. The Charging Robot will automatically detect whether the car supports 3-phase or not. There is no need to think about technical specifications, the Easee Home always adapts to the car's needs and delivers the maximum power available at your home.



Why choose Easee Home?

Forward-looking home charging



Benefits

- Fully dynamic charging power 1.4-22 kW (1 and 3 phase charging)
- Load balancing of up to 3 units per fuse without additional infrastructure (wireless)
- Automatic queuing system
- The load and phase balancing works offline
- Integrated eSIM in each box, lifetime free subscription
- Possibility of WiFi connection
- Permanent locking of the Type 2 cable
- Integrated earth fault protection (RCD)
- Integrated RFID reader (NFC / ISO 14443 and MIFARE Classic®)
- Energy measurement (+/- 2 %), for reading charge consumption
- Developed and manufactured in Norway
- The box is 69 % smaller than other solutions and weighs only 1.5 kg
- 3 year warranty, from the day the charger is installed
- Universal, fits all types of electric cars and mains
- Full control with the Easee app or local WiFi interface
- You choose the colour

Why choose Easee Home?

22_{kW}

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 which makes it suitable for charging all types of electric vehicles only by using an appropriate cable.

10_x

Quick charge

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

3_x

Optimized charging effect

You can have up to 3 Charging Robots on one fuse. All connected cars can be charged at the same time, and the available power is distributed automatically and dynamically between the vehicles. The total load will thus never exceed the set limit for the fuse.

eSIM

Internet access

All our Charging Robots are connected to the internet through mobile network*. If you buy now you get free mobile internet access throughout the lifetime of the product. 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 1.5 kg! This means that we save the environment at least 4 kg 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.

5_x

A colourful choice

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

3_{yr}

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.
*Some countries may have extended warranty.

Why choose Easee Home?

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 1.5 kg. We have strived to contribute to a sustainable future and are saving the environment for 4 kg 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 IP54 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.



Why choose Easee Home?

Easy when you get two electric cars

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 an Easee Home charge point, it is possible upon demand to subsequently deploy our innovative “Plug & Play” technology at no additional installation cost.

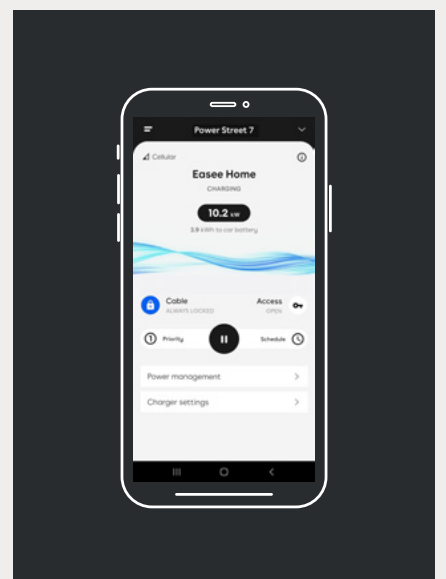
The Charging Robot acts as an intelligent junction box and it supports the expansion of multiple charging stations on the same cable.



Easee App

With the Easee app it is possible to control and plan when your car is charging. You can see live values for the current charge session and get an overview of your consumption. If you want to avoid finding the charging cable every time you charge the car, you can easily lock the cable permanently in the Charging Robot through the app.

You get full control over who can charge and when they can charge. We update 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

Charging

Charging power: 1.4–22 kW
6 A 1 phase - 32 A 3 phase (automatically
adjusted in relation to available capacity)
Up to 7.36 kW at 32A 1 phase
Up to 22 kW at 32 A 3 phase (TN grid)
Number of phases: 1 or 3 (fully dynamic)
Connection point: Type-2 socket (IEC 62196-2)
Voltage: 3 x 400 V AC/ 230 V AC ($\pm 10\%$)
Mains frequency: 50/60 Hz
Advanced load distribution
Up to 3 Charging Robots on the same circuit
Built-in energy meter ($\pm 2\%$)

Connectivity

Built-in eSIM (LTE Cat M1/ 2G /GPRS)
WiFi 2.4 GHz b/g/n connection
Easee Link RF™
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
Temperature sensors in all main contacts

Colours



Safety

Protection

Built-in RCD for ground fault protection
(30 mA AC/ 6 mA DC)
RCD is automatically reset by disconnecting
the charging cable
Degree of protection: IP54 (the backplate is
IP22 without cover)
Impact resistance: IK10
Fire class: UL94
Insulation class: II
Over voltage category III

Complies with the following regulations

2014/53/EU (RED)
2011/65/EU (RoHS)
2014/30/EU (EMC)
2014/35/EU (LVD)
See DoC for details at easee.support

Theft Protection

Electronics can be deactivated and tracked
in case of theft (contact support if your
device has been stolen).
The electronics can be permanently locked
using a padlock (not visible).
The charging cable can be locked
permanently in the charging station.

Installation

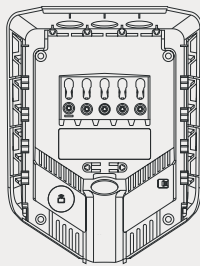
Power grids and fuses

Installation network: TN, IT and TT
(detected automatically)
Installation circuit breaker: Max 40 A
overload protection. The short-circuit current
at the charging point (IkMax) must not
exceed 10 kA. If required by the installation,
class A earth fault protection can be used for
the circuit.

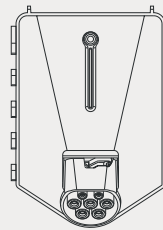
Integrated circuit in backplate

Cable 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

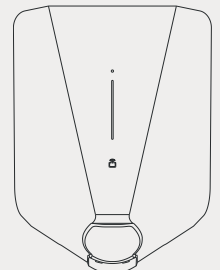
The product contains



Backplate



Chargeberry



Cover

Distribution



HIS Renewables GmbH
Siemensstraße 4
D-64760 Oberzent

Phone: +49 6068 9314 430
Email: sales@his-solar.com

THIS DOCUMENT CONTAINS INFORMATION THAT IS SUBJECT TO CHANGE WITHOUT NOTICE.

The latest version of this publication can be downloaded at <http://easee.support>

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including, but not limited to, copying, recording, retrieving data, or computer networks without the written permission of Easee AS.

Easee and all other Easee product names and slogans are trademarks or registered trademarks of Easee AS. Easee products can be protected by one or more patents.

All other products and services mentioned may be trademarks or service marks of their respective owners.

Illustrations of the product and user interface are exemplary and may differ from the actual appearance.

October 2020 - Version 1.08
© 2018 by Easee AS. All rights reserved.



Easee AS
Professor Olav Hanssens vei 7A,
N-4021 Stavanger
Org.nr: 920 292 046

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