

# Easee One

Built to comply with UK regulations, the Easee One comes with both integrated type B RCD protection and open PEN conductor protection.



Why choose Easee One?

# Forward-looking home charging



## Benefits

- Integrated open PEN conductor protection, i.e., no need for earth rod
- Reduced cost and time to install
- Fully dynamic charging power 1.4-7.4 kW
- Load balancing of up to 3 units per fuse by integrated wireless communication
- Automatic queuing system
- Offline proof load balancing
- 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
- The box is 69 % smaller than other solutions and weighs only 1.5 kg
- 3 year warranty
- Universal, fits all types of electric cars and mains
- Full control with the Easee app or local WiFi interface, and open API
- Tethered or untethered, at the click of a button

Why choose Easee One?

3<sub>x</sub>

#### 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. In order to get software updates and increased redundancy, we recommend installing a local WiFi network, if there is no cellular coverage. The local WiFi network must be connected to the Internet.

\*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<sub>x</sub>

#### A colourful choice

Available in Black as standard, we have 4 other front covers available to purchase: White, Anthracite, Red and Blue

3<sub>yr</sub>

#### 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.

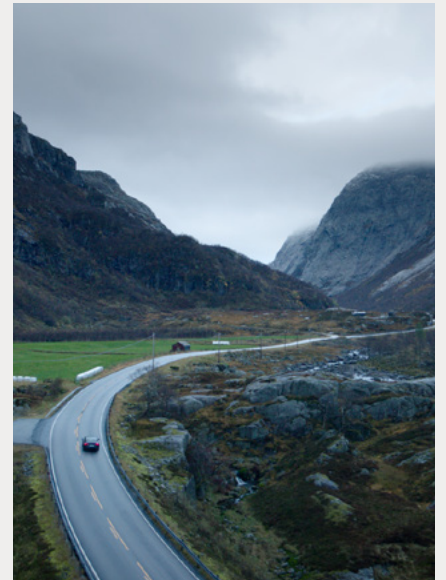
## Why choose Easee One?

### Made in Norway - for harsh 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.

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 One?

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

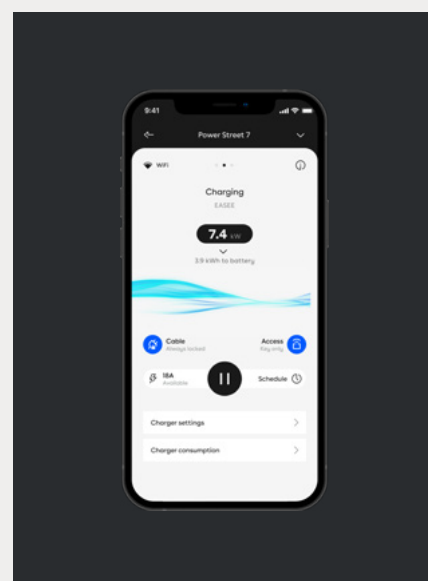
The Charging Robot acts as an intelligent junction box and it supports the expansion of multiple charging stations on the same cable.



### 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. Additionally, with the Easee API further integrations and extended possibilities are available.



# 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: 1.4-7.4 kW (6 - 32 A)  
Number of phases: 1  
Connection point: Type-2 socket (IEC 62196-2)  
Voltage: 230 V AC - single phase ( $\pm 10\%$ )  
Mains frequency: 50/60 Hz  
Advanced load distribution  
Up to 3 Charging Robots on the same circuit  
Accuracy of built-in energy meter ( $\pm 2\%$ )

### Connectivity

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

### Sensors and indicators

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

## Colours



\*Compatible with other Eease front covers in White, Anthracite, Red or Blue.

## Safety

### Protection

Integrated overload protection according to EN IEC 61851-1:2019  
Built-in RCD for ground fault protection (30 mA AC/ 6 mA DC) according to EN 61008-1 and IEC 62955  
Integrated broken PEN lead protection according to BS 7671:2018/A1:2020  
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](http://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 included).  
The charging cable can be locked permanently in the charging station.

## Installation

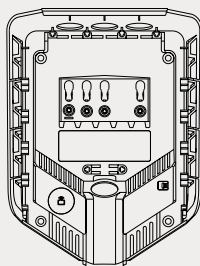
### Power grids and fuses

Installation network: TT, TN-S, TN-C and TN-C-S  
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 method, type-A earth fault protection can be used for the circuit.

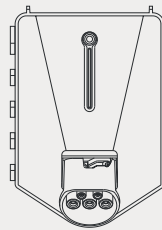
### Integrated circuit in backplate

Wire cross-section: up to 16 mm<sup>2</sup> (single cable)/ up to 10 mm<sup>2</sup> (parallel connection)  
Cable diameter: 8-22 mm  
Terminal tightening: 5 Nm  
Cable strip length: 12 mm

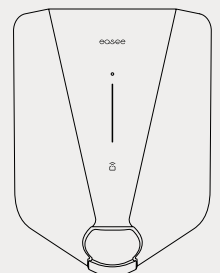
## The product contains



Backplate



Chargeberry



Cover

## Distribution UK

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

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

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