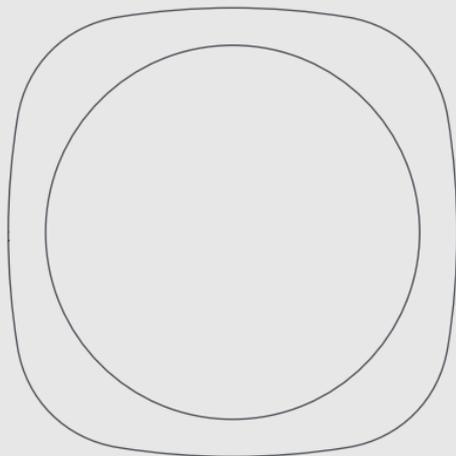


easee



User guide / Installation guide

Equalizer

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IMPORTANT:

Read carefully before use.
Keep for future reference.

Introduction

Intended use

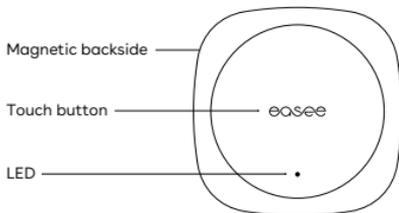
This product is intended for optimizing the power consumption by performing an automatic load balancing between the Easee Charging Robot(s) and the building. It avoids overload and power interruption while charging the electric vehicle (EV). In the event of unstable or non operational WiFi the device has a redundant Easee Link RF™ connection. Easee Link via radio may be limited by walls, concrete or other obstacles.

The product needs to be paired with a Charging Robot and connected to a compatible smart meter with the cable provided. In order for the Equalizer to work, the smart meter's communication port in most cases needs to be activated. The Equalizer supports several smart meters. Find a full list of compatible meters at [easee.support](https://www.easee.com/support).

The product may only be operated with the approved operating parameters and under the specified environmental conditions (-20 °C to +50 °C). Do not use the product if it is damaged or does not function properly. Uses other than those specified here are not permitted.

What is included?

Equalizer

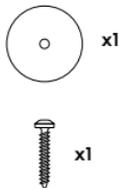


Cable



Wall mounting kit

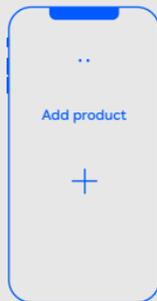
For non-metallic surfaces



Customer setup



Smart meter



1 Activation

HAN port

In Scandinavia, the communication port on the smart meter is most likely not activated. Contact your utility company to open the HAN port for use with the Equalizer.

2 Download

Easee app

Scan the QR code to download the Easee app and create a free account. The app is available on App Store and Google Play.

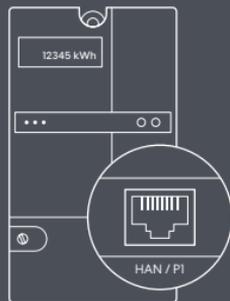
3 Setup

Equalizer

Add the Equalizer in the app, follow the on-screen installation guide and get ready to balance your energy smarter than ever before!

NOTICE! Follow these steps if you are a private customer installing the Equalizer in your own household.

Installer setup



Smart meter

1 Installer app Download

Scan the QR code to download the Installer app and create a free account. The app is available on App Store and Google Play.

2 Equalizer Setup

Add the Equalizer to a new or existing charging site using the Installer app and follow the on-screen installation guide to set it up.

3 Smart meter Connect

Connect the Equalizer to the smart meter using the provided cable. The Equalizer will appear in the Easee Portal after a while.

NOTICE! Follow these steps if you are an Installer and use the Installer app to configure the Equalizer in large commercial installations or private households.

Technical specifications

General

Product (mm): H: 110 x W: 110 x D: 27.5
Packaging (mm): H: 130 x W: 130 x D: 39
Operating temperature: -20 °C to +50 °C
Weight: 95 g (P1 version)
and 110 g (HAN version)
IP degree: IP40
Supply: 5-32 VDC 100 mA (P1 version) and
20-32 VDC 30 mA (HAN version)
RJ12 connector

Max transmitted power

Radio: 25 mW at 863-870 MHz.
WiFi: 50 mW at 2.4-2.472 GHz.

Installation

Cable length: 1.5 m
RJ11 to RJ11 custom made cable (P1 version)
and RJ11 to RJ45 custom made cable
(HAN version)
It can be extended up to 200 m using an
extension cable

Connectivity

Easee Link RF™ and WiFi*
HAN or P1 smart meter communication
Modbus connection to energy meter
Monitor power consumption with
the Easee app
RFID / NFC reader

*WiFi is required for normal operation. When
offline, it will use Easee Link RF™ as backup in
small installations with one primary charger.

Practical details

Charge faster

The Equalizer makes it possible to charge
smarter, safer and faster if the installation
is scaled accordingly. To enable its true
potential, the rated value of the chargers
circuit fuse should be as high as possible
compared to the main fuse. Even in 1-phase
setups, we recommend using a 3-phase
cable to future proof the installation.

Protection

The Equalizer is IP40. This means it has no
protection against water. If placed outside

the house, it must be installed inside a cabinet protected from the weather.

Warranty

The device is free from material defects and is in accordance with laws and regulations for consumer protection in the country where the product is purchased. All correctly installed Easee hardware is covered by our 3 years limited warranty.

Standards

The EU Declaration of Conformity is available at the following address: **[easee.support](https://www.easee.com/support)**.

Maintenance

This product requires no maintenance. If it needs to be repaired, please contact your Easee supplier.

Storage

The product should be stored in a tempered, dry and well-ventilated area in order to preserve the packaging and its contents. Relative humidity should not exceed 80 % and no corrosive gas should be present. Storage or transportation environment

should never exceed the limits provided in the technical specifications.

Disposal

This electronic equipment must not be disposed of in household waste. For the return of old devices, free collection and acceptance points may be available in your vicinity. Observe local regulations for correct and environmentally friendly disposal.

Returns and complaints

Contact your distributor or Easee Customer Support at **[easee.support](https://www.easee.com/support)** regarding the return and complaint of your product.

Contact details

Easee AS
Grønseveien 19
4313 Sandnes, Norway
Org. nr: 920 292 046

You can find additional contact details for your country at **[easee.com](https://www.easee.com)**.

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

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