

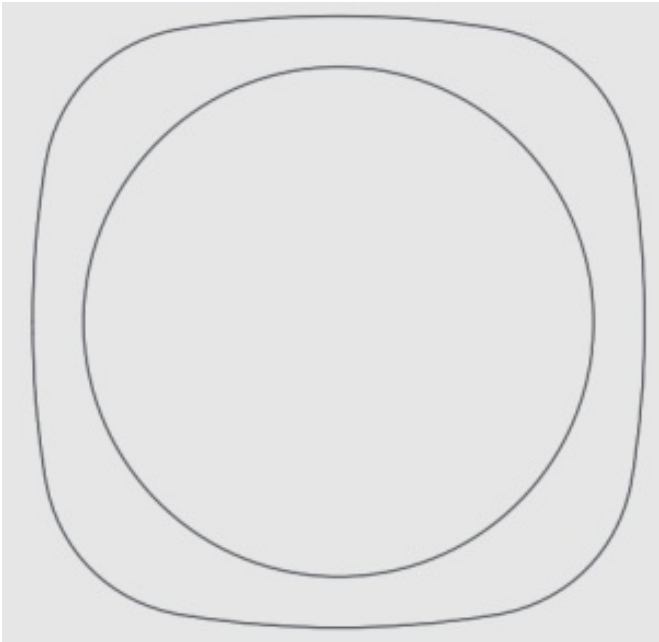


easee Equalizer User Guide

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Quick guide
Equalizer



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IMPORTANT

Read carefully before use. Keep for future reference.

You can find other languages, answers to frequently asked questions, and other useful information at [easee support](#).

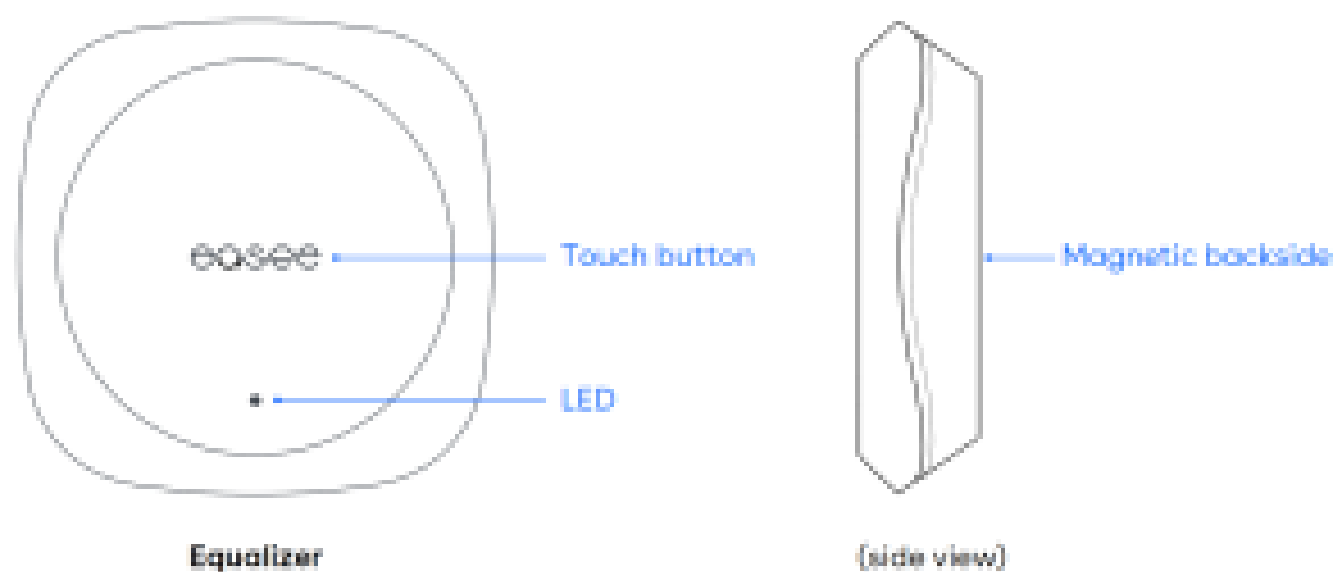
Intended use

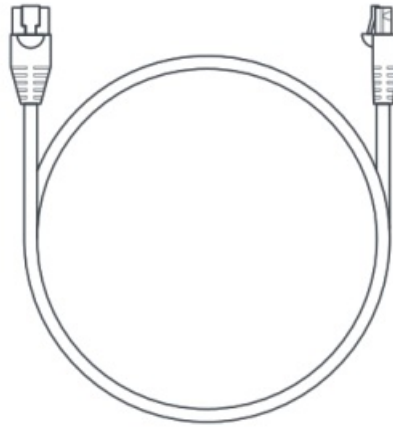
This product is intended for optimizing the power consumption by performing an automatic load balancing between the Easee Charging Robot(s) and the building. It avoids overload and power interruption while charging the electric vehicle (EV).

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 HAN port needs to be activated. The product may only be operated with the approved operating parameters and under the specified environmental conditions (see pages 5 and 9).

Uses other than those specified here are not permitted.

Product overview

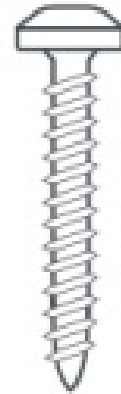
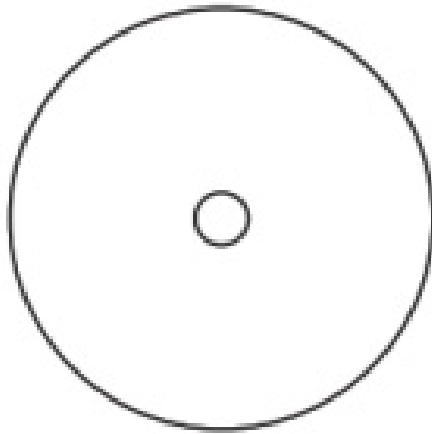




Cable

Wall mounting kit

(for non-metallic surfaces)



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: 110 g

IP degree: IP40

Voltage: 12-32 Vdc 30mA

RJ11 connector

Installation

Cable length: 1.5 m RJ11 to R45 custom made cable Extended with an RJ45 adapter (up to 200 m)

Connectivity

Easy Link RF TM and WiFi*

HAN connection to energy meter Monitor power consumption with the Easee app RFID / NFC reader *WiFi is required for normal operation. When offline, it will continue to work via Easee Link RF TM

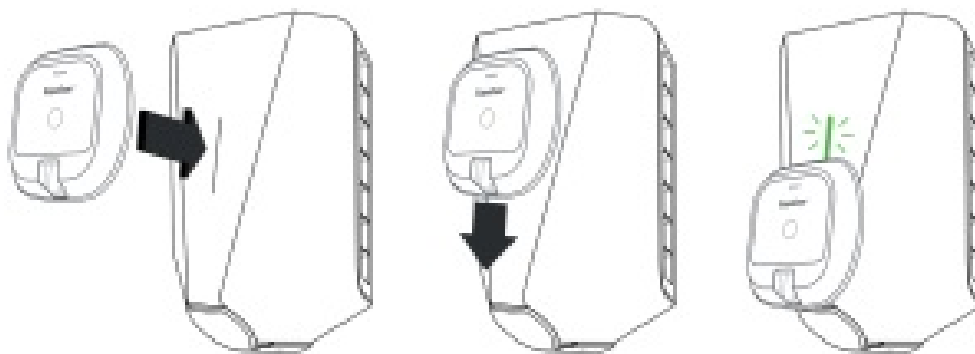
Charging Robot

Pairing

Before you start: make sure your Easee charger is connected to the same WiFi as you want the Equalizer to connect to. The Equalizer does not need to be connected to a power source during this step.

Hold the front side of the Equalizer over the light strip of the Easee charger and move it slowly downwards. When

the charger lights green, the pairing is done!



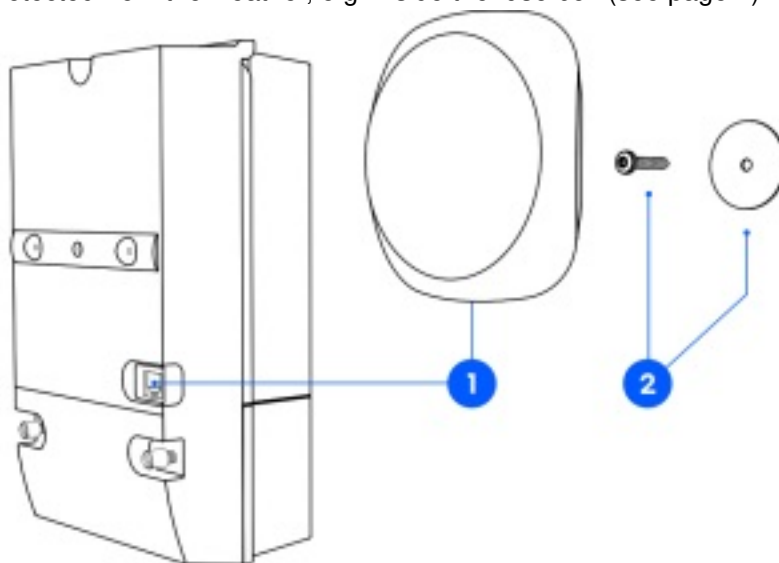
Fuse box

Connecting

Plug the Equalizer into a HAN port






1. Plug the Equalizer into a HAN port with the provided cable. After around 30 seconds, it should start flashing in white while connecting to your WiFi. Once connected, it is automatically added to the Easee app!
2. Place the magnetic backside of the Equalizer directly on a metallic surface. If a metallic surface is not available, fix the metallic disc with a screw on the wall and then snap the Equalizer to it.

NOTICE! For better communication with the Easee charger, place the Equalizer outside of the fuse cabinet. When outdoors, it should be protected from the weather, e.g. inside the fuse box (see page 7).



In most cases the HAN port will be inactive – please contact your utility company to open it for 3rd party use.

What do the LED colors mean?

-  White, fast flashing – Booting
-  White, breathing every 10s – Normal operation
-  Red / white, switching – No WiFi added 2
-  Red/blue, switching – No internet connection
-  Red, flashing – No data from power meter 1



Red, breathing every 10s – Error 3



Touch the Easee logo in the middle to check power consumption:



Blue, fast flashing – High power consumption
Blue, slow flashing – Low power consumption
Count the flashes for a percentage – 1 flash (10%), 2 flashes (20%), up to 10 flashes (100%)



Hold the Easee logo for 3 seconds to check connectivity. You will see 2 flashes:

1st flash – Easee Link RF status

2nd flash – WiFi status



Green – Connected



Red – Not connected

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 charger's 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.

Product life cycle

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 (see page 5).

Disposal



This electronic equipment must not be disposed of in the 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 regarding the return and complaint of your product.

Contact details

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You can find additional contact details for your country at easee-international.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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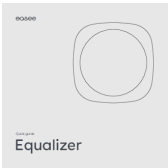


Easy AS



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[.easee-international.com](https://easee-international.com)

Documents / Resources

 The image shows the cover of the "Easee Equalizer" user guide. It features a light gray background with a large, stylized circular graphic in the center. The text "Easee" is at the top and "Equalizer" is at the bottom.	<p>easee Equalizer [pdf] User Guide easee, Equalizer</p>
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References

-  [Easee â€“ Shaping the future of electricity](#)
-  [Easee â€“ Shaping the future of electricity](#)