

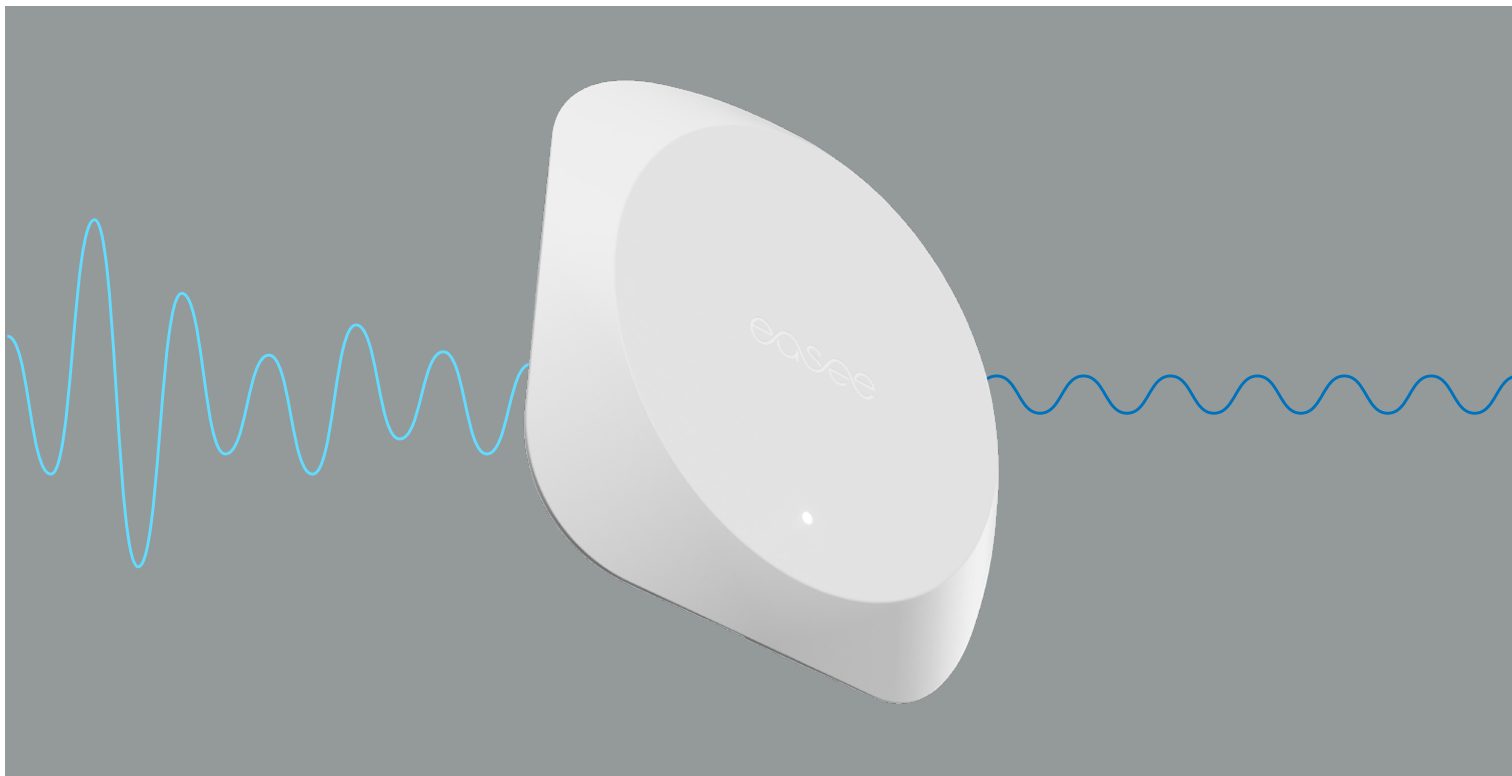
Equalizer

Easee Equalizer is a small smart device, designed to optimize your charging experience. It connects to your power meter and automatically balances the total energy level between the Charging Robot(s) and your building. It enables you to charge smarter, safer, faster and to install more Charging Robots in your building without the need for expensive infrastructure upgrades.



Why choose Easee Equalizer?

Charge smarter, safer and faster



Benefits

- Dynamic load balancing between the Charging Robot(s) and the building
 - Charge your EVs faster when the the building's energy consumption is lower
 - Avoid overload and power interruption while charging your EV
 - Safely install more Charging Robots (hundreds) in a building (home, cabin, apartment block or commercial building)
- Avoid unnecessary investments in infrastructure upgrades or cost of increased electricity access
- Direct communication with Easee chargers through Easee Link™ or WiFi*
- Monitor the power consumption in your building through the Easee app
- Magnetic backside snaps directly onto your fuse cabinet
- Up to 50m coverage in open air*
- Quick and easy installation with optional support of full accessory kits

For a list of supported meters, go to <http://easee.support>

*When used together with an Easee Charging Robot.

Why choose Easee Equalizer?

Electric car charging requires a lot of energy, that has to be shared wisely with your building. Therefore, Easee Equalizer allows you to use all available power for car charging by constantly balancing the available energy to your home and your charger to distribute it efficiently where it is needed. You never have to think about fuses tripping.

Easee Equalizer connects to your power meter and communicates with the Charging Robot(s). Whether the Equalizer can be set up by yourself or requires an electrician depends on your location and electrical installation (ask your electrician).

Charge when there is available power

Easee Equalizer makes sure that the charging of your EVs is done at the most convenient time, when the demand for other loads is low. When you have paired your Easee Equalizer to the system, it will automatically start to balance the available power in the building based on its readings and optimize your charging experience.

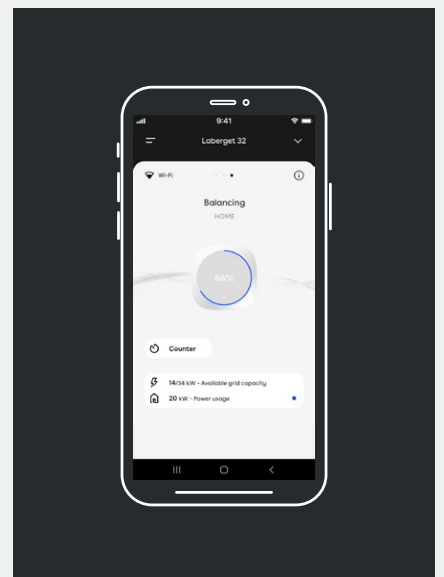
Easee Link™ will ensure that the automatic load balancing will continue to work even if the connection with the cloud is interrupted or should there be a problem with your WiFi.



Monitoring

While the main purpose of the Easee Equalizer is to optimize the charging experience, it also provides the opportunity to monitor your daily power consumption through the Easee App.

With a full overview of your home's consumption, you have the power literally in your hands to save energy and hence the environment.



Specifications

Measurement
in mm



Technical

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
Material: PC/ABS
Colour: White
IP degree: IP40
Power supply: 5-30 V DC 100 mA
RJ12 connector
Integrated magnets for attaching the product to metal surfaces or to wall mount plate

Cabling

Cable length: 1.5 m
RJ12 custom made cable¹
Can be extended using an extension cable up to 15 m

Max transmitted power

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

Connectivity

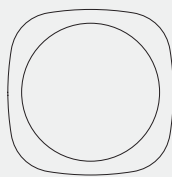
EeSee Link RF™ and Wifi² P1 smart meter communication
Modbus RTU (RS-485) connection to energy meter³
Monitor power consumption with the EeSee App
RFID / NFC reader

¹ RJ11/RJ12 uses the same connector.

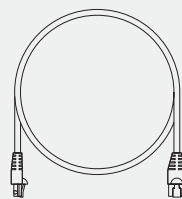
² WiFi is required for normal operation and for future software updates. When offline or unstable, it will use EeSee Link RF™ as backup in small installations with one primary charger. EeSee Link RF™ via radio may be limited by walls, concrete or other obstacles.

³ Only for supported meters.

The product contains



Equalizer



Cable
(custom made)



Wall mount plate

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.

December 2022 - Version 2.02
© 2022 by Easee AS. All rights reserved.



Easee AS
Grenseveien 19
4313 Sandnes
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.com

Easee Solar Charging

Easee Solar Charging provides everything necessary to use your solar panels or any renewable energy source to charge your car.

Solar charging can help to reduce the environmental impact of EV charging by using clean and renewable energy sources, as well as reduce the cost of charging by reducing the need for grid electricity, especially during periods of high solar energy production.



Charge smarter, safer and faster

With Easee Solar Charging you will be able to charge your electric vehicle (EV) with excess solar energy generated from a solar panel system or any other renewable source.

This will be achieved through our smart charging ecosystem that is designed to track the solar energy production and adjusts the charging rate accordingly, helping to reduce strain on the grid and support the integration of renewable energy sources.



Easee Solar Charging

Solar charging

Enable full utilization of your produced energy by charging your car with the surplus energy.

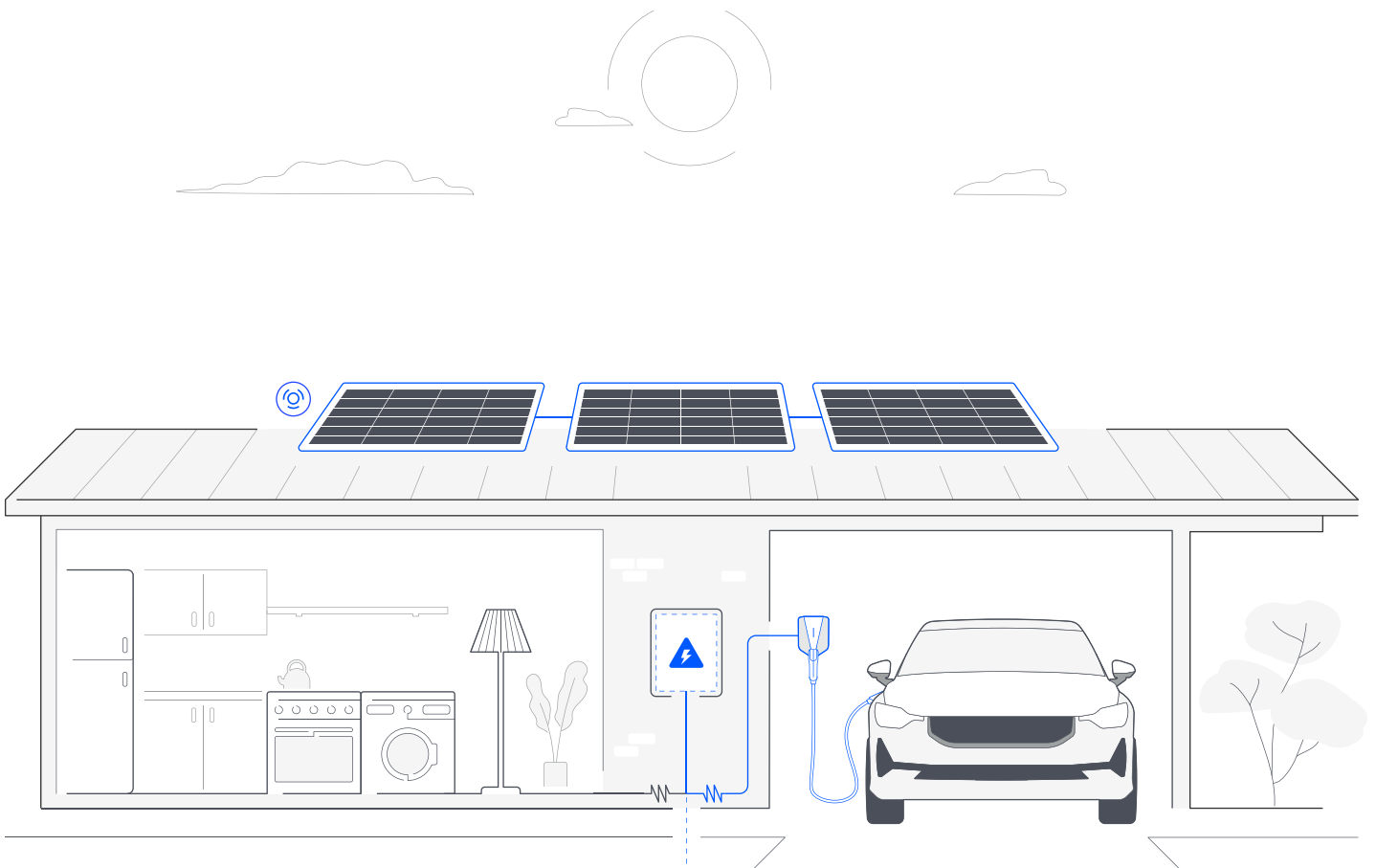
Seamless integration into Easee's ecosystem

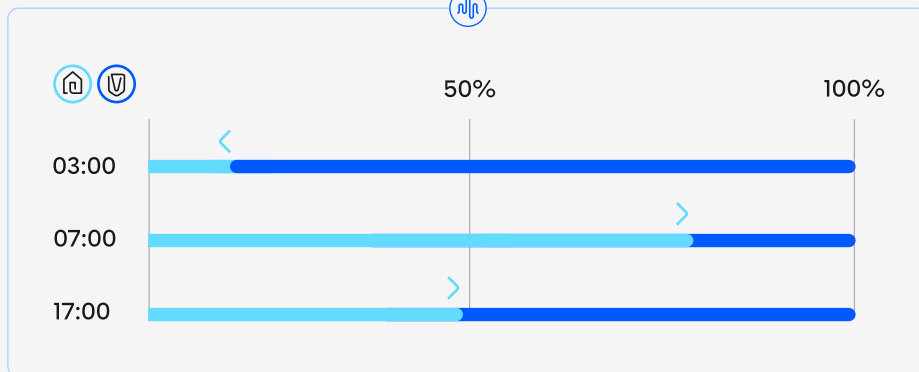
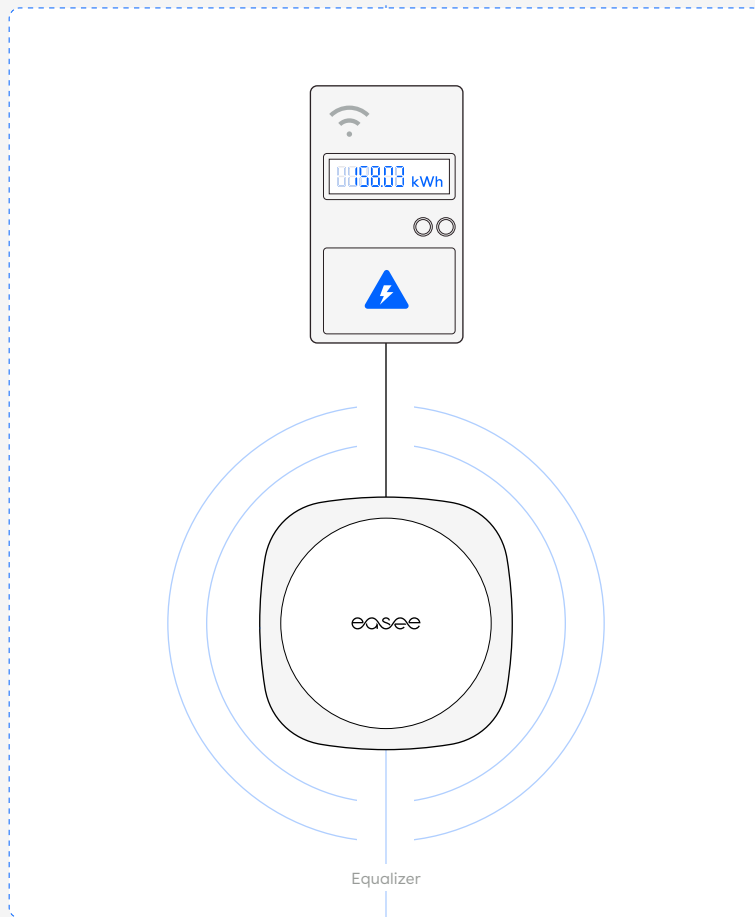
All our products are designed for quick and easy installation. It only takes you a couple of minutes.



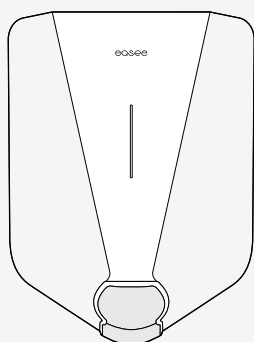
Dynamic load balancing

- Charge your EVs faster when the building's energy consumption is lower
- Take advantage of low electricity price periods
- Avoid overload and power interruption while charging your EV
- Easily change charging limits within the app

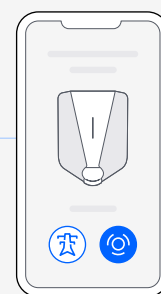




Dynamic load balancing



Easee Charging Robot



Easee App

Surplus charging

Easee Equalizer

Easee Equalizer is a small smart device, designed to optimize your charging experience. It connects to your power meter and automatically balances the total energy level between the charging robot(s) and your building (home, cabin, apartment block or commercial building). It enables you to charge smarter, safer, faster and to install more charger robots in your building.

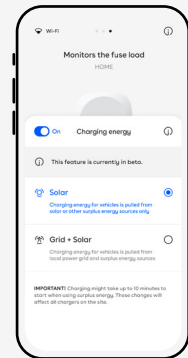


Easee Equalizer

Charge your car with clean and renewable energy without grid electricity or a mix of both, while balancing the energy supply and demand on the grid.

The Easee app gives you easy access to pick between two different modes for Surplus charging.

- Solar: will charge your car using only surplus energy
- Grid + Solar: will use energy from grid and solar



Scan the QR code for more information:



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

www.easee.com