



Complete system. Made in Europe.

VARTA.hybrid.wall

Intelligent. Flexible. Future-proof.

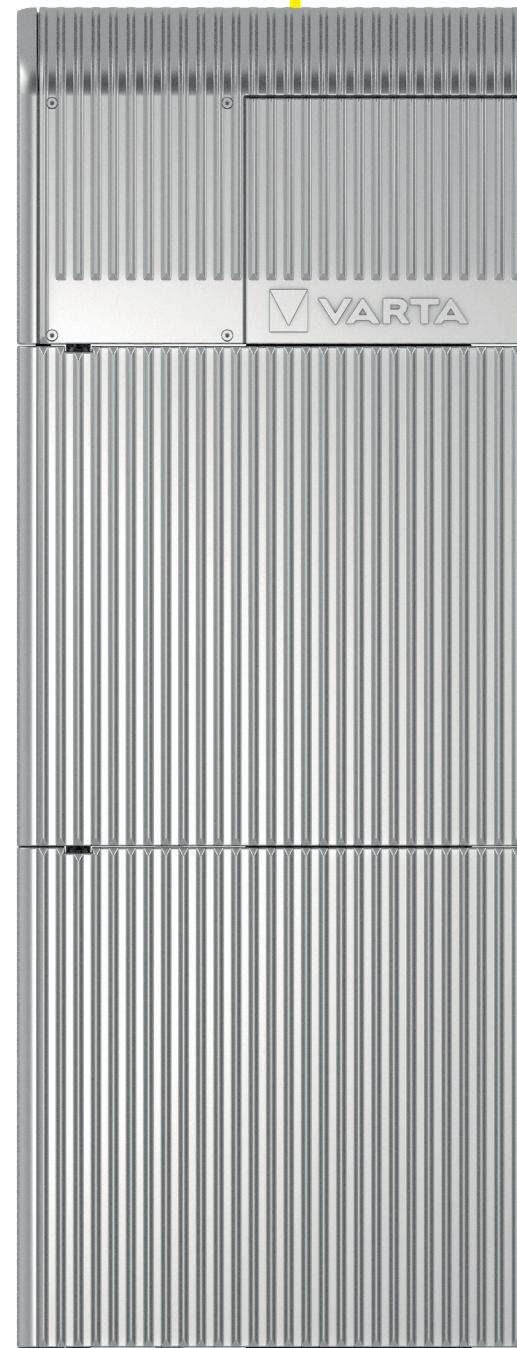


100 %
European system
solution with
German battery
DNA.

MADE IN GERMANY

The smart all-in-one energy solution – for every application

VARTA.hybrid.wall is more than just a battery storage system – it is an intelligently connected energy system, made in Europe, combining high-performance storage technology with advanced system control in one integrated solution. Our VARTA.install app and the VARTA.energy portal also offer you quick installation as well as convenient and intuitive management of our system.



VARTA.hybrid inverter

Versatile – ready for the future

Whether used as an AC-coupled retrofit solution or as a hybrid system with a direct PV connection, the VARTA.hybrid inverter ensures a future-proof solution for expanding and modernising your PV system.¹ Up to four independent MPP trackers ensure high yields even under varying roof orientations or partial shading.

Full backup power capability with VARTA.backswitch²

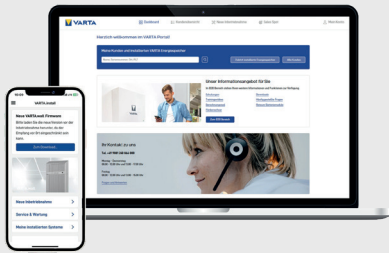
The optional VARTA.backswitch enables full home power supply in backup mode with automatic switchover. Retrofitting into existing home electrical systems is simple and requires no major modifications.



¹ The VARTA.hybrid inverter can only be operated in conjunction with the VARTA.wall high-voltage storage system. Operation without a connected VARTA.wall storage system is not possible.

² Expected to be available from Q3 2026

VARTA.install app for installers



Monitor your systems anytime, anywhere

Use the VARTA.energy portal to view and manage your installed VARTA.hybrid.wall systems clearly and conveniently in one place.

Commissioning in no time

Commission the VARTA.hybrid.wall system quickly and easily using the VARTA.install app.

VARTA.wall energy storage system

Modular, powerful and ultra-slim

The plug-in system ensures fast, clean installation and maximum scalability – flexibly expandable to meet future requirements. With a depth of just 10–14 cm, the VARTA.wall is one of the most compact DC high-voltage storage systems in its class and, thanks to its dual-module design, offers greater flexibility – even in confined spaces. Two battery module variants enable flexible installation indoors, as well as in garages and covered outdoor areas, delivering reliable performance under a wide range of conditions.

The right battery for every application:

VARTA.wall BM1: 5 / 10 / 15 / 20 kWh

VARTA.wall BM2: 4,5 / 9 / 13,5 / 18 kWh

VARTA.iq energy management

With VARTA.iq, your customers can connect over 700 compatible devices, intelligently control them according to their individual preferences, and optimise household energy consumption while reducing costs – all conveniently managed via the VARTA.iq app.

The right package for every need

VARTA.iq Basic:

Smart energy management with features such as dynamic electricity tariffs, integration of heat pumps and EV chargers, and reduced grid fees through grid services.

VARTA.iq Pro:

For users with advanced requirements, the VARTA.iq Pro upgrade enables control of additional devices, bidirectional EV charging, and detailed monitoring of energy consumption.



The system that grows with you – the solution for every need

The first step towards a secure energy supply

The VARTA.hybrid.wall provides an easy-to-retrofit, modular all-in-one solution designed to maximise self-consumption. Ideal for households with lower energy demand that want to invest gradually while staying prepared for future features.

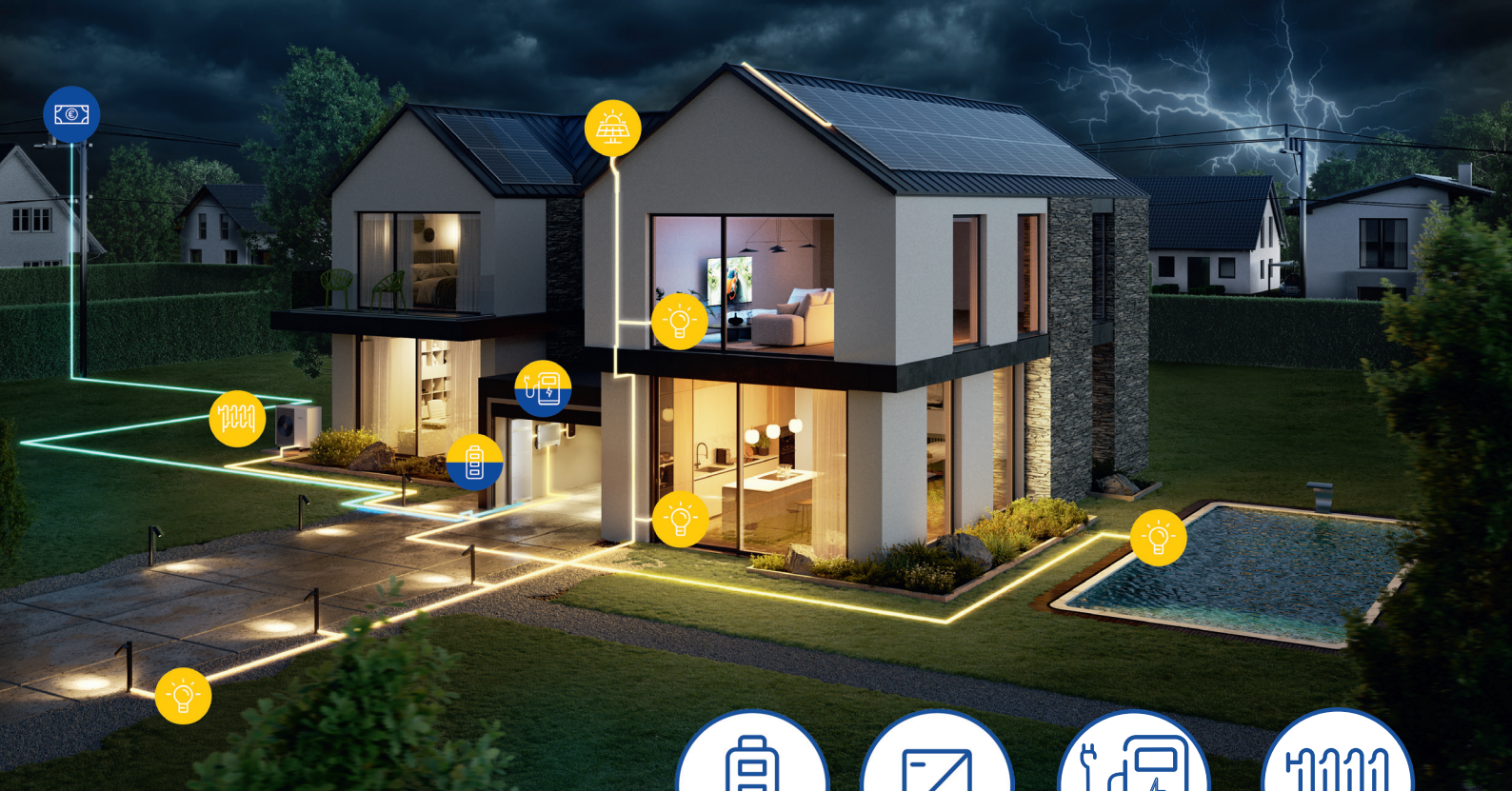
Invest gradually – expand at any time

VARTA.hybrid.wall enables a flexible start to energy self-sufficiency: battery capacity and system functions can be expanded at any time – including future features such as dynamic or bidirectional charging, as well as tenant electricity solutions.

Easy to retrofit – maximum flexibility

The manufacturer-independent system enables straightforward and cost-effective integration into existing home electrical systems. Heating systems, EV charging infrastructure and PV extensions can be added flexibly at a later stage.





The intelligent all-in-one solution for demanding requirements

VARTA.wall, VARTA.hybrid, VARTA.iq and VARTA.backupswitch form an intelligent, fully integrated system that optimises energy costs, centrally controls loads, and ensures maximum supply security – even during a power outage.

Intelligent system control & maximum efficiency

VARTA.iq centrally coordinates more than 700 compatible devices and ensures optimal energy flows – even in complex installations with challenging roof structures, heat pumps, EV chargers and high loads. Automatic consumption analysis, intelligent heat pump control, live EV data and dynamic tariffs increase efficiency and unlock additional savings potential – including future revenue opportunities such as bidirectional charging.

Your benefit:

Reduced configuration and coordination effort, along with significantly shorter installation times and fewer service calls.

Maximum reliability, cost optimisation & grid compliance

Optimised energy procurement based on dynamic tariffs, peak shaving and compliance with §14a control requirements ensure lower energy costs and full regulatory compliance. The VARTA.backupswitch ensures seamless backup power supply in the event of a power outage, allowing your entire household to continue operating without interruption and ensuring maximum operational reliability for connected loads.

Your benefit:

Greater planning reliability and satisfied customers – thanks to a standards-compliant, fail-safe system architecture.

The flexible system solution from Europe



Maximum flexibility

The VARTA.wall is available in two module variants and four configuration levels. Thanks to VARTA.hybrid, the system can be used as either a hybrid or an AC-coupled system. Depending on your needs, the system can be expanded with VARTA accessories.



All performance data at a glance

With the VARTA.home and VARTA.iq apps, users can monitor their energy flows anytime, anywhere and conveniently manage their data and preferences.



Greater security for your home

VARTA adheres to the highest safety standards in the development and production of storage systems. You can protect yourself against power cuts with the backup power function.



Smart control of your home

With VARTA.hybrid.wall, you can control PV yield, grid consumption, battery charging and appliances as economically as possible, taking into account the weather, electricity prices and consumption.



Efficient and simple installation

The plug-in system and preassembled cables enable fast, clean installation. Intuitive commissioning via the app completes setup in no time.




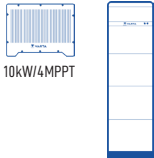




System solution made in Europe

All components of the VARTA.hybrid.wall system are developed and manufactured in Europe. Your data is processed on German servers – ensuring maximum security.





One system – multiple configuration options

CONFIGURATION	EXAMPLE CONFIGURATION ¹	MAX. PV POWER (DC)	MAX. AC POWER	USABLE BATTERY CAPACITY (TOTAL)
VARTA.hybrid.wall Single	 6kW/2MPPT	12 kW	6 kW	4.5 kWh
	or  10kW/4MPPT			
AC cascade system controlled by VARTA.iq ²	 10kW/2MPPT	15 kW	12.5 kW	23.9 kWh
	 VARTA.iq.link			
AC cascade with bidirectional EV integration, controlled by VARTA.iq	 10kW/4MPPT 10kW/4MPPT	30 kW	31 kW	max. 113 kWh
	 VARTA.iq.link 11 kW bidirectional wallbox ³ Electric car with 77 kWh battery			

¹ The configurations shown are based on the VARTA.wall module variant BM2.

² VARTA.hybrid.wall systems can be cascaded indefinitely on the AC side; a maximum of one existing VARTA AC unit from a previous model generation (VARTA pulse neo, VARTA element or VARTA element backup) is permitted per cascade.

³ The bidirectional wallbox represents an example configuration with typical vehicle battery capacity. Please note the SoC restrictions specified by the vehicle manufacturer.

Component overview

VARTA.wall energy storage



VKB	Item
02733709004	BM1 (5 / 10 / 15 / 20 kWh)
02733709005	BM2 (4,5 / 9 / 13,5 / 18 kWh)
02732709002	Set Master-/Base Unit BM1/BM2
37000812930	Mount kit/wall bracket (optional for wall-mounted installation)

VARTA.hybrid inverter¹



VKB 02734709001	6kW	3-phase	2 MPPT
VKB 02734709002	10kW	3-phase	2 MPPT
VKB 02734709003	10kW	3-phase	4 MPPT

¹ Can only be used in conjunction with a connected VARTA.wall.



VARTA.wall BM1 data sheet



VARTA.wall BM2 data sheet



VARTA.hybrid.wall data sheet

VARTA.energymeter energy meter

Precise measurement for maximum efficiency: the basis for intelligent charging and discharging processes.

A VARTA.energymeter must be ordered in conjunction with a VARTA.hybrid model. For exceptions, see VARTA.backupswitch.



VKB	Item
02735709002	VEM103: Direct measurement
02735709003	VEM103-CT 63A: Indirect measurement (including current transformers)



VARTA.energymeter data sheet

Optional accessories

VARTA.iq.link energy management system



The smart energy management system for full control, with all energy flows visualised at a glance. The VARTA.iq Pro version will be available on a subscription basis from June 2026.

VARTA recommends using VARTA.iq.link as soon as at least one controllable device (e.g. a heat pump) is integrated into the household.

VKB: 02736709001



VARTA.iq.link compatibility list



VARTA.iq.link data sheet

VARTA.backupswitch backup power cut-off point



The VARTA.backupswitch is an external, standards-compliant isolation point for reliable backup power supply. In the event of a mains failure, it automatically disconnects the domestic circuit from the public grid and provides fully automatic, three-phase backup power. As it features integrated power measurement, **a separate VARTA.energymeter is not required**. Expected to be available from Q3 2026.

VKB: 02735709001



VARTA.backupswitch data sheet

Your local contact:

VARTA Storage GmbH, a company of VARTA AG

www.varta-ag.com

BROHYEN01