Energy Storage System

VARTA.wall

Slim, smart, stylish.

Maximum safety and flexibility for your home

Quality Made in Germany

Developed and manufactured in Germany, VARTA stands for the highest standards of quality and safety. As a battery manufacturer with over 135 years of experience, VARTA combines technological expertise with regional value creation and short supply chains.

Highest safety standards

VARTA adheres to the highest safety standards throughout the development and production of its batteries. Your data is stored on secure servers in Germany and is subject to the strictest data protection regulations – ensuring maximum security for your home.

Guaranteed durability

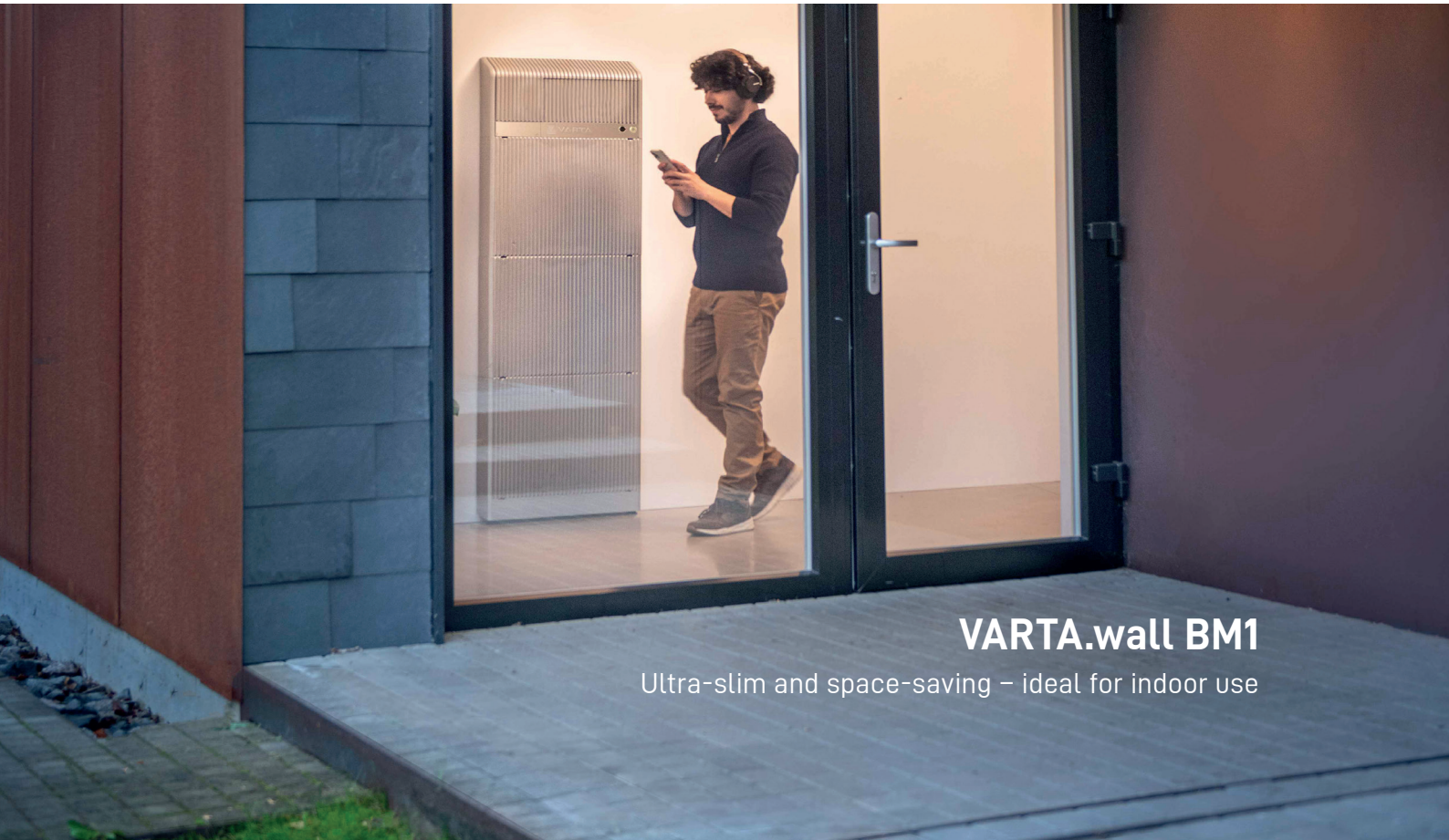
VARTA stands for long-lasting, Made in Germany quality – supported by ongoing service and a 10-year manufacturer's warranty.[1]

Flexibility thanks to a modular design

The modular plug-in system is available in various capacities and can be expanded at a later stage if required[2]. This allows VARTA.wall to adapt flexibly to individual energy requirements.

[1] 10-year warranty upon completion of the online warranty in accordance with the respective "Manufacturer's Warranty for VARTA Energy Storage Systems" (available at:www.varta-storage.com/service/downloads).

[2] Capacity expansion is possible within two years of the system's initial commissioning.



VARTA.wall BM2

High-performance and temperature-resistant for garages and covered outdoor areas

Ultra-slim system with high energy density

The modular VARTA.wall high-voltage DC energy storage system achieves a depth of just 10–14 cm, depending on the module type, thanks to its dual-module design – making it particularly space-saving.

The right storage solution for every requirement

With two different battery module variants, the VARTA.wall can be installed both indoors in a space-saving manner and reliably in more demanding environments such as garages or covered outdoor areas.

Quick and easy installation

Thanks to the VARTA plug-in system, which requires no external cabling between modules, the VARTA.wall can be installed quickly and easily. Intuitive commissioning via the app completes setup in no time.

More than just a storage system – with VARTA.iq.link

With the VARTA.iq.link gateway, you can intelligently connect and control over 700 devices – including heat pumps, EV chargers and PV inverters – via a single app. Tailor your household's energy flows precisely to your needs and reduce both electricity consumption and costs. Features such as dynamic electricity tariffs and bidirectional charging provide optimal support.

The right technology for every application

The VARTA.wall BM1 battery module is ultra-slim, with a depth of just 10 cm, and fits seamlessly into almost any indoor space. The VARTA.wall BM2 battery module is specifically designed for demanding temperature conditions and is ideal for use in covered outdoor areas. Which technology is the perfect fit for your home?

VARTA.wall BM1

Space-saving design for indoor use

Number of battery modules	2	3	4
Usable capacity	10 kWh	15 kWh	20 kWh
Max. power	5.2 kW[1]	7.9 kW [1]	10.5 kW [1]
Rated voltage	201.6 V	302.4 V	403.2 V
Voltage range	168.0 V - 226.8 V	252.0 V - 340.2 V	336.0 V - 453.6 V
System	High-voltage DC system		
IP rating	IP 55		
Ambient temperature range	-10 to +50 °C[2] (Installation site)		
Operating temperature range	+2 °C to +42 °C[1]		
Cell chemistry	Lithium-ion (NCA)		
Installation location	Indoor use		
Compatible inverters	Kostal, SMA, Steca[3]		

VARTA.wall BM2

Robust and suitable for covered outdoor areas

Number of battery modules	2	3	4
Usable capacity	9 kWh	13.5 kWh	18 kWh
Max. power	4.7 kW[1]	7 kW[1]	9.3 kW[1]
Rated voltage	179.2 V	268.8 V	358.4 V
Voltage range	155.1 V - 201.6 V	232.7 V - 302.4 V	310.2 V - 403.2 V
System	High-voltage DC system		
IP rating	IP 55		
Ambient temperature range	-15 to +50 °C[2] (Installation site)		
Operating temperature range	-10 °C to +45 °C[1]		
Cell chemistry	Lithium iron phosphate (LFP)		
Installation location	Indoor and covered outdoor		
Compatible inverters	Kostal, SMA, Steca[3]		

VARTA Storage GmbH, a company of VARTA AG

www.varta-ag.com

[1] Reaching the nominal charging power within the optimum operating temperature range +22 °C to +33 °C (BM1) or +10 °C to +40 °C (BM2).

[2] Actual installation depth depends on the selected setting of the mounting brackets and is between 110 to 135 mm or 150 to 175 mm (BM2).

[3] Details see compatibility list.

Technical changes and errors excepted. You can find the latest version of the data sheet here: https://www.varta-ag.com/de/konsument/service/downloads-energiespeicher

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