



VARTA.wall

BM2

For demanding environments



Modular plug-in system with up to 18 kWh capacity



Ultra-slim: product depth of just 14 cm



Made in Germany



Temperature-resistant for demanding, cooler environments

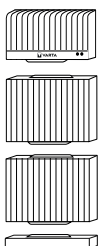


State-of-the-art LFP cell technology in the VARTA double module

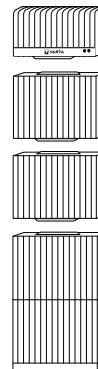


Simple installation without external cabling of the modules

FLEXIBLE, HIGH VOLTAGE-SYSTEM



Simple and modular installation of up to 4 battery modules per tower

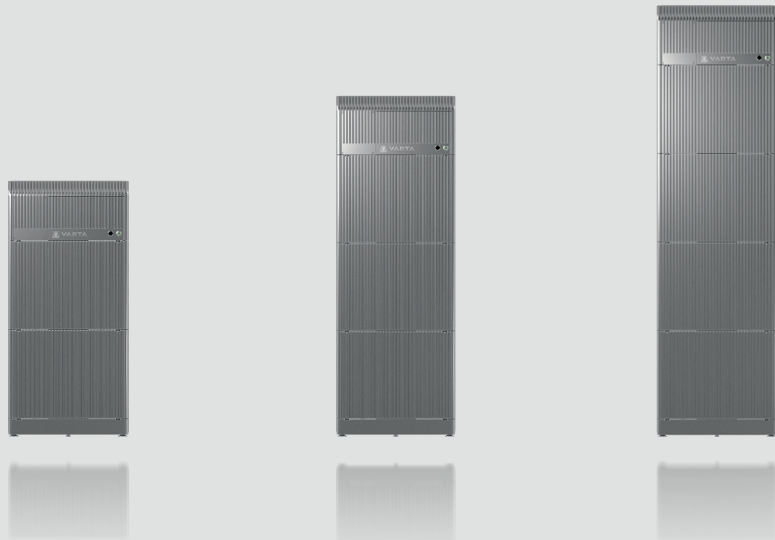


Can be retrofitted to provide up to 18 kWh of storage capacity¹

¹ Capacity expansion possible within 2 years of the system's initial commissioning

TECHNICAL DATA

VARTA.wall BM2



	2	3	4
Number of battery modules	2	3	4
Usable capacity	9 kWh	13.5 kWh	18 kWh
Max. charging/discharging current		26 A	
Nominal charging/discharging power	4.7 kW ¹	7 kW ¹	9.3 kW ¹
Rated voltage	179.2 V	268.8 V	358.4 V
Operating voltage range	155.1 - 201.6 V	232.7 - 302.4 V	310.2 - 403.2 V
Dimensions (WxHxD)	605 x 1,306 x 140 mm ²	605 x 1,752 x 140 mm ²	605 x 2,197 x 140 mm ²
Weight	100 kg	143.5 kg	187 kg
Cell chemistry	Lithium iron phosphate (LFP)		
Ambient temperature range (installation location)	-15 to +50 °C		
Operating temperature range	-10 to +45 °C ¹		
Temperature control	Passive cooling		
IP rating	IP 55		
Relative humidity	5 % to 85 % (non-condensing)		
Installation location	Indoor and covered outdoor areas		
Installation type	Floor-standing with wall fixing Optional wall-mounted		
Interfaces	RS485, CAN, Ethernet, Wi-Fi		
Warranty	10 years ³		
Certifications	CE conformity UN 38.3 IEC 62619:2017 VDE-AR-E 2510-50:2017-05 IEC 61000-6-2 and -3		
Compatible inverters ⁴	Kostal (Plenticore BI G2, Plenticore plus G2, Plenticore G3, Plenticore MP G3) SMA (Sunny Tripower Smart Energy) Steca (SolBrid) ⁴		

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¹ Reaching the nominal charging power within the optimum operating temperature range +10 °C to +40 °C.

² Actual installation depth depends on the selected setting of the mounting brackets and is between 150 to 175 mm.

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

⁴ 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>