

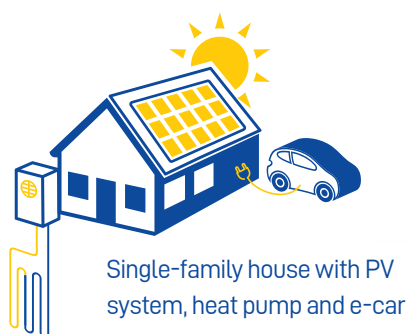
For maximum independence.

VARTA element backup

The ideal energy storage system for families and our complete solution with emergency power function.



Our complete solution with emergency power function.



Storage capacity
6.5 / 13.0 / 19.5 kWh

PV performance
3 - 20 kWp

Power consumption
3,000 - 20,000 kWh

Independent and safe: With the VARTA emergency power box
In combination with the practical VARTA emergency power box, the VARTA element backup can also supply selective consumers with energy in the event of a power failure. The emergency power box provides three sockets that can continue to be operated from the VARTA element backup in emergency power mode.



Maximum independence thanks to emergency power function

The VARTA element backup offers an emergency power function for selective consumers, which can be realised through the VARTA emergency power box. In the event of power failure, the energy storage system automatically switches to emergency power operation. In addition to that, the VARTA element is also capable of black start.



10 year warranty

As a battery expert made in Germany, we give you a 10 year warranty on the battery modules and optionally 10 years (permanent internet connection) or 5 years (without internet connection) on the storage system.¹



VARTA energy storage systems are eligible for subsidies

A large number of subsidies are available to support the purchase of an energy storage system.

¹ According to terms of manufacturer's warranties (available at: www.varta-storage.com/service/downloads)

² 10-year warranty when taking out the online warranty according to the respective „manufacturer's warranty for energy storage systems“ (available at: www.varta-storage.com/service/downloads). Reduction of the warranty to 5 years for offline devices. A prerequisite for VARTA to grant the warranty is the warranty registration via the VARTA Portal.



Three performance capacities

Available in three performance capacities, the VARTA element backup is perfectly suited for every home. If, in the future, the demand increases, you can expand the storage capacity of the VARTA element backup with an additional battery module at any time.



Expansion of storage capacity

If required, you can expand the storage capacity at a later date by connecting several VARTA energy storage units. The VARTA pulse neo enables the connection of up to six VARTA energy storage units.



Direct communication with PV inverters

With the VARTA element, direct communication with different PV inverters is possible, so that consumption and production data are displayed in the VARTA Online Portal or the VARTA app. On top of this, the dynamic export limitation of the PV system can be realised without additional hardware.



PV yield optimisation

The webinterface allows you to carry out manual settings of the PV yield optimisation in order to prevent yield losses through PV curtailment. With the Solar Log 50 in the VARTA Storage edition, a forecast-based yield optimisation is also possible, so that, for example, the weather forecast is taken into account when determining the loading strategy.



130 years of battery expertise made in Germany

As a battery manufacturer, VARTA is the only provider of energy storage systems to have more than 130 years of battery expertise. So when you choose us you are choosing a brand made in Germany with which you are always on the safe side and also on the way to a green future.

Cost savings at a glance.

Now you can increase your own consumption while making yourself independent of rising electricity prices. This way you can produce your own power, and use green electricity when you need it!



Annual electricity bill

4,800 kWh (annual power consumption) x 36 cent/kWh (current average electricity price)¹

EUR 2,208

Annual electricity bill with PV system and VARTA energy storage system

(80% of expected degree of self-sufficiency)

960 kWh (drawn from the grid) x 36 cent/kWh (current average electricity price)¹

EUR 442

Annual saving

EUR 1,766

Saving after 10 years

EUR 17,660

VARTA Storage GmbH, a company of the VARTA AG brand

www.varta-ag.com

Your local contact:

¹Simplified calculation example

¹Source: Electricity price development in Germany for households and industry | BDEW BDEW Electricity Price Analysis April 2023