

For maximum independence.

VARTA element backup.

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



Available in
october 2021



VARTA

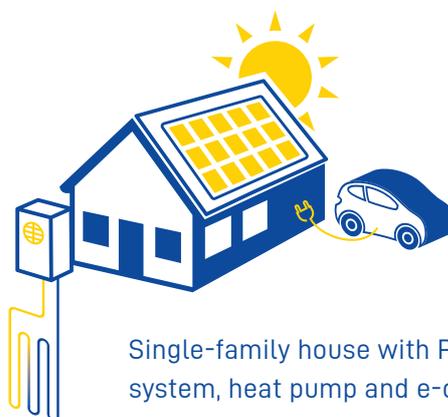
Our complete solution with emergency power function.



Storage capacity
6.5 / 13.0 / 19.5 kWh

PV performance
4 – 20 kWp

Power consumption
3,000 – 20,000 kWh



Single-family house with PV system, heat pump and e-car



Maximum independence thanks to emergency power function

The VARTA element backup offers an emergency power function for selective users, 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 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 grants

A large number of grants are available to support the purchase of an energy storage system. Thanks to these, you can save up to EUR 2,000, for example!²

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

² In accordance with the 10,000 Houses programme of the Federal State of Bavaria. Subject to change



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 afterwards at any time. Find the right storage size for you: www.varta-storage.com/en/service/calculation



Expansion of storage capacity

When required, you can expand the storage capacity afterwards by connecting several VARTA energy storage systems with VARTA Link or the VARTA pulse neo. With this, the VARTA element backup makes it possible to connect up to five energy storage systems.



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

In the webinterface, you can 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

4,200 kWh (annual power consumption) x 31 cent/kWh (current average electricity price)²

EUR 1,302

Annual electricity bill with PV system and VARTA energy storage system

(80% of expected degree of self-sufficiency)

840 kWh (drawn from the grid) x 31 cent/kWh (current average electricity price)²

EUR 260

Annual saving

EUR 1,042

Saving after 10 years

EUR 10,420

VARTA Storage GmbH, a company of the VARTA AG

www.varta-ag.com

Your contact on site:

¹ Simplified calculation example

² In accordance with the 10,000 Houses programme of the Federal State of Bavaria. Subject to change.

³ German Association of Energy and Water Industries (BDEW)