

For your independent and smart future.

# VARTA pulse neo.

The smart and compact energy storage system with its flexibly expandable operating system.



# VARTA



# Our small and smart wall storage system.

Storage capacity  
3.3 kWh

PV performance  
1–4 kWp

Power consumption  
up to 3,000 kWh



Storage capacity  
6.5 kWh

PV performance  
4 – 10 kWp

Power consumption  
3,000 – 8,000 kWh



Single-family house with PV system



## Voted No. 1

Our customers have decided and have voted the VARTA pulse neo "product of the year" in the category "energy"<sup>1</sup> in the haustec.de readers' poll for the second year in a row. And thanks to plug & play technology, your new energy storage system can be installed quickly and easily.



## Two performance capacities for our smallest storage system on the market

Our VARTA pulse neo offers highest energy density in the smallest space. This means that the wall storage system, available in two performance capacities, is also ideal for smaller homes. Find the right storage size for you: [www.varta-storage.com/en/service/calculation](http://www.varta-storage.com/en/service/calculation)



## 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.<sup>2</sup>



## Expansion of storage capacity

When required, you can expand the storage capacity afterwards by connecting several VARTA energy storage systems. With this, VARTA pulse neo makes it possible to connect up to six VARTA energy storage systems without additional hardware.

<sup>1</sup> haustec.de readers' poll with the VARTA pulse in 2019 and the VARTA pulse neo in 2020

<sup>2</sup> According to terms of manufacturer's warranties (available at: [www.varta-storage.com/service/downloads](http://www.varta-storage.com/service/downloads))



### Direct interaction with e-car charging station

With the VARTA pulse neo, direct interaction with selected charging stations is possible. This way, you can charge your e-car or plug in hybrid quickly and efficiently with green solar electricity from your own roof. You can also adjust the desired charging strategy as required.



### Direct communication with PV inverters

With the VARTA pulse neo, 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 with weather forecast

In addition to the manual adjustment of the PV yield optimisation, the VARTA pulse neo can also carry out an automatic, forecast-based yield optimisation on the basis of weather forecasts. This way, you can avoid PV curtailment and increase your PV yield.



### 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.



### VARTA energy storage systems are eligible for grants

The VARTA pulse neo is already available at an attractive entry price and on top of this the purchase of an energy storage system is also supported by a large number of grants. Thanks to these, you can save up to EUR 700, for example!<sup>1</sup>

<sup>1</sup> In accordance with the 10,000 Houses programme of the Federal State of Bavaria. Subject to change

# 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)<sup>2</sup>

**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)<sup>2</sup>

**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](http://www.varta-ag.com)

Your contact on site:

<sup>1</sup> Simplified calculation example

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

<sup>3</sup> German Association of Energy and Water Industries (BDEW)