

For your independent and smart future.

# VARTA pulse neo

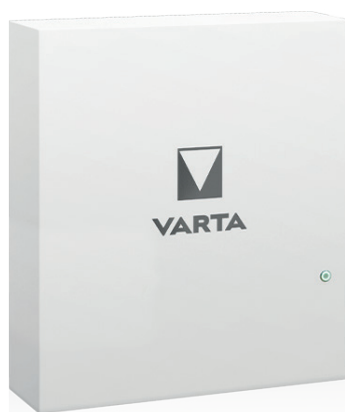
The smart and compact energy storage system with a flexibly expandable operating system.



# Our small and smart wall-mounted storage system.



Single-family house with PV system



Storage capacity

6,5 kWh

PV performance

3 – 10 kWp

Power consumption

3.000 – 10.000 kWh



## Efficiency winner

In the annual power storage inspection by HTW Berlin, our VARTA pulse neo achieved top values: with a battery efficiency of 97.8 % and a standby consumption of only 2 watts, the VARTA pulse neo is ahead of all other AC-coupled energy storage systems tested and is the efficiency winner with an SPI value of 91 %.<sup>1</sup>



## Our smallest storage system on the market

Our VARTA pulse neo offers the highest energy density in the smallest possible space. This means that the wall-mounted storage system.



## 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.<sup>2</sup>



## Direct interaction with ev charging station

The VARTA pulse neo makes direct interaction with selected charging stations possible. This way, you can charge your EV chargers 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.

<sup>1</sup> According to the HTW Berlin 2023 electricity storage inspection in the class up to 5 kW.

<sup>2</sup> 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](http://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.



### Expansion of storage capacity

When required, you can expand the storage capacity even after the system has been installed 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.



### Direct communication with PV inverters

The VARTA pulse neo is also capable of direct communication with different PV inverters 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 subsidies

The VARTA pulse neo is already available at an attractive entry price, but that is not all: The purchase of an energy storage system is also supported by a large number of subsidy programmes.

# 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)<sup>1</sup>

**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)<sup>1</sup>

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

Your local contact: