

# VARTA Energy Storage Systems

130 Years of Battery Expertise in Your Energy Storage System.



The perfect combination of long-term experience and modern technology.

# WHERE GOOD ENERGY IS AT HOME.

Owning your own home means independence for many people. Energy storage systems from VARTA Storage support this independence and the energy revolution.

## ► WHAT ARE YOU WAITING FOR?

### BECOME YOUR OWN ENERGY SUPPLIER NOW

You can talk a lot about the energy revolution. Or you can participate in your own home: with renewable energy from solar, wind energy or combined heat and power. But at the moment it's like this: even the best solar systems and wind turbines only produce energy depending on the weather conditions. The rest of the time it depends on the traditional power supply. With our VARTA energy storage systems you can use your self-produced energy anytime – because by changing from consumer to energy supplier you're able to raise your self-consumption up to 80 %. This brings you energy-autonomy and can protect you from price increases in electricity tariffs.

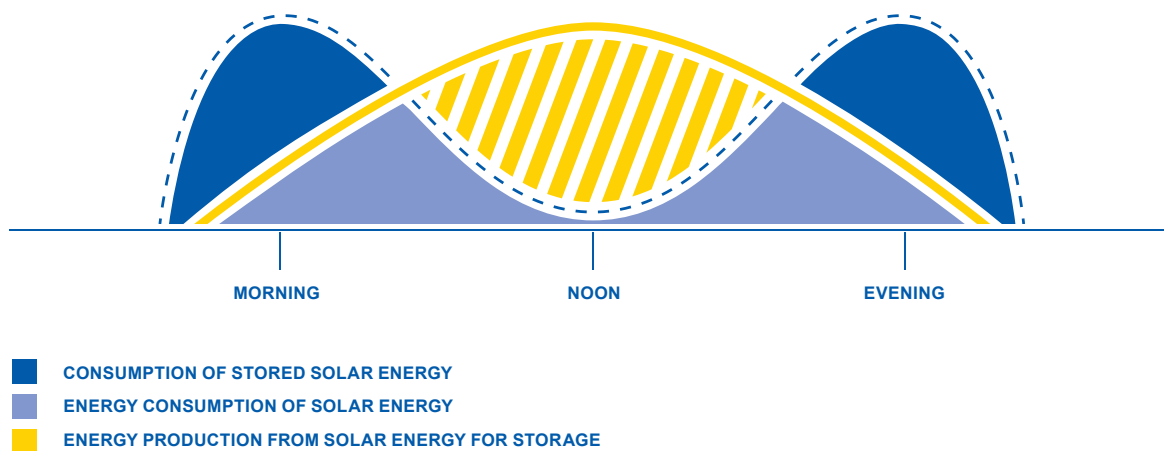
## ► VARTA ENERGY STORAGE SYSTEMS:

### TRUE FRIENDS OF THE HOME

Whether for the apartment, house or something larger – with our energy storage systems you will always find a suitable solution.

## ► BENEFIT FROM 130 YEARS OF EXPERIENCE

The VARTA brand stands for 130 years of experience and innovative energy storage solutions. With our brand you can choose to leave dissatisfaction behind. Forever.



## 24 hours of solar energy

Through the intelligent storage of solar energy during the day, consumption requirements before and after work can be covered with self-produced energy.

# GOOD REASONS FOR OUR ENERGY STORAGE SYSTEMS.

You want to know why our energy storage systems are so good?  
Here's an overview.



## ► **GUARANTEE**

At VARTA Storage quality and reliability is assured. VARTA Storage provides a seven-year maintenance guarantee on storage systems and ten years on the battery modules within the manufacturer guarantee ([www.varta-storage.com/service/downloads](http://www.varta-storage.com/service/downloads)).

## ► **SAFETY**

When it comes to safety there are no compromises: starting with constant material tests, onto production and delivery, and ending with integrated safety electronics and autonomous cut-off devices for a safe operation. Our systems provide a fail-safe functionality even in case of disturbance. Our energy storage systems are not only safe and reliable, they also set standards with their smart concepts of special cellular-chemistry energy and battery management systems.

## ► **MADE IN GERMANY**

Our innovative energy storage systems fulfill the highest quality standards.

## ► **CONNECTIVITY**

Now energy management is easy: the VARTA Storage online platform gives an overview of all current data. Moreover, our intelligent energy storage systems can communicate with almost all home and energy technology components and systems.

## ► **FLEXIBILITY**

Our energy storage systems are expandable at any time even after the installation – everyone can find an optimal system for their needs from our product portfolio.

## ► **DISPOSAL**

Of course VARTA Storage takes care of the collection and professional disposal of the old modules.



## VARTA STORAGE

# YOUR PARTNER FOR MORE ENERGY.

Confidence in powerful and extremely reliable battery technology – developed and produced in Germany.



### ► WE HAVE THE EXPERIENCE

The VARTA brand reflects 130 years of battery expertise: innovative, safe and reliable energy solutions have always been our speciality. Today, we are committed to this quality standard for all VARTA energy storage systems that you have at home.

### ► WE PROVIDE THE TECHNOLOGY

Why do we give a guarantee of 10 years for our battery cells? Because we know that we can rely on them. For our VARTA Storage energy storage systems, we only use high-quality lithium-ion cells. So we can guarantee high efficiency and a long lifetime – without a performance-decreasing memory effect.

### ► WE CARE ABOUT SAFETY

As far as the energy supply in your house is concerned, you shouldn't have to compromise. You should decide for an intelligent solution: our multi-stage concept, from the special cell chemistry up to the sophisticated energy and battery management system, sets standards.

# AT A GLANCE: OUR BEST.

The demand on energy storage systems may vary depending on the type of building and requirements, however the desire for reliability and safety applies for all technical solutions.



## PULSE 3 AND 6

### ► FOR A SIMPLE START

Our starter all-in-one system delivers a compact and handy solution – and with its space-saving wall attachment it fits ideally in your home. Available in capacities of 3.3 kWh and 6.5 kWh. Small, but full of energy.

#### PULSE 3/6

Nominal system capacity	3.3 / 6.5 kWh
Nominal system performance	1.6 / 2.5 kW
Electrochemistry	Lithium nickel manganese cobalt oxide
Size (w x h x d) in mm	600 x 690 x 186
Weight	45 / 65 kg
Private consumption optimisation	1-phase

## ELEMENT 3, 6, 9 AND 12

### ► THE STATEMENT OF INDEPENDENCE

Our all-in-one system including inverter and practical Plug & Play technology can be fast and easily installed in all homes allowing for maximum independence. Available in six colours and four different capacities, it is the ideal energy storage system for all those who want to be independent.

#### ELEMENT 3/6/9/12

Nominal system capacity	3.3 / 6.5 / 9.8 / 13.0 kWh
Nominal system performance	1.6 / 2.0 / 3.0 / 4.0 kW
Electrochemistry	Lithium nickel manganese cobalt oxide
Size (w x h x d) in mm	600 x 1,176 x 500
Weight	95 / 115 / 145 / 165 kg
Private consumption optimisation	3-phase

## PULSE

# A STEP INTO THE FUTURE.

With the VARTA pulse everyone in their own home can become their own energy provider. And all at an attractive entry price, without sacrificing premium VARTA quality.

Easy, simple and with a high level of quality – this is pulse, our attractive entry-level solution from VARTA Storage. It's perfect for all those who want to bundle the highest energy-density, space-saving solution in an apartment or small family house. Available in two classes (3.3 kWh and 6.5 kWh), this model not only delivers through its safety and reliability, it can also be easily attached to the wall without taking space from the household for everything else. Through Plug & Play, our wall-mounted energy storage is instantly operational – and can be combined with all sources of green energy. Another plus is the low standby consumption and the fast response rate.



## VARTA pulse

Small, but strong: our starter model for those who are looking for independence.

## ► Technical data and facts

### GENERAL DATA

Electrochemistry	Lithium nickel manganese cobalt oxide
Mains connection	230 V AC, single-phase, 50 Hz
System warranty*	7 years maintenance warranty
Warranty on the batteries	10 years or 10,000 cycles**
Control concept and monitoring	PC, tablet, smartphone

### SYSTEM DATA

	PULSE 3	PULSE 6
Nominal system capacity	3.3 kWh	6.5 kWh
Nominal system performance	1.6 kW	2.5 kW
Size (w x h x d) in mm	600 x 690 x 186	600 x 690 x 186
Weight	45 kg	65 kg

\* According to the manufacturer's warranty (available at [www.varta-storage.com/service/downloads](http://www.varta-storage.com/service/downloads)). \*\* Expected residual capacity: 80 %.







## ELEMENT

# A DECLARATION OF INDEPENDENCE – FOR FAMILIES.

Anyone who has fulfilled the dream of owning their own home would like to have a secure and considered solution for their energy supply. At a price that pays off. The VARTA element is just right – as a compact complete solution in an attractive design.

The VARTA element is in its element in all detached houses. This complete system, with inverter, is easy to install and offers top quality at an attractive price. Available in four performance classes (3.3 kWh / 6.5 kWh / 9.8 kWh / 13.0 kWh, whereby the smaller VARTA element 3 and 6 models can also be retrofitted), this energy storage system is not only durable and safe but it also strikes a good figure: its design-case is available in six attractive colours. So it fits everywhere in the household.

## ► LITHIUM-ION

The VARTA element features high-quality lithium-ion cells, which can be charged and discharged quickly without memory effect: ideal for high self-consumption needs and long-term economy.



## VARTA element

The ideal energy storage system for families who enjoy to be well-catered for.

## ► Technical data and facts

### GENERAL DATA

Electrochemistry	Lithium nickel manganese cobalt oxide
Mains connection	400 V AC, 3-phase, 50 Hz
System warranty*	7 years maintenance warranty
Warranty on the batteries	10 years or 10,000 cycles**
Control concept and monitoring	PC, tablet, smartphone

### SYSTEM DATA

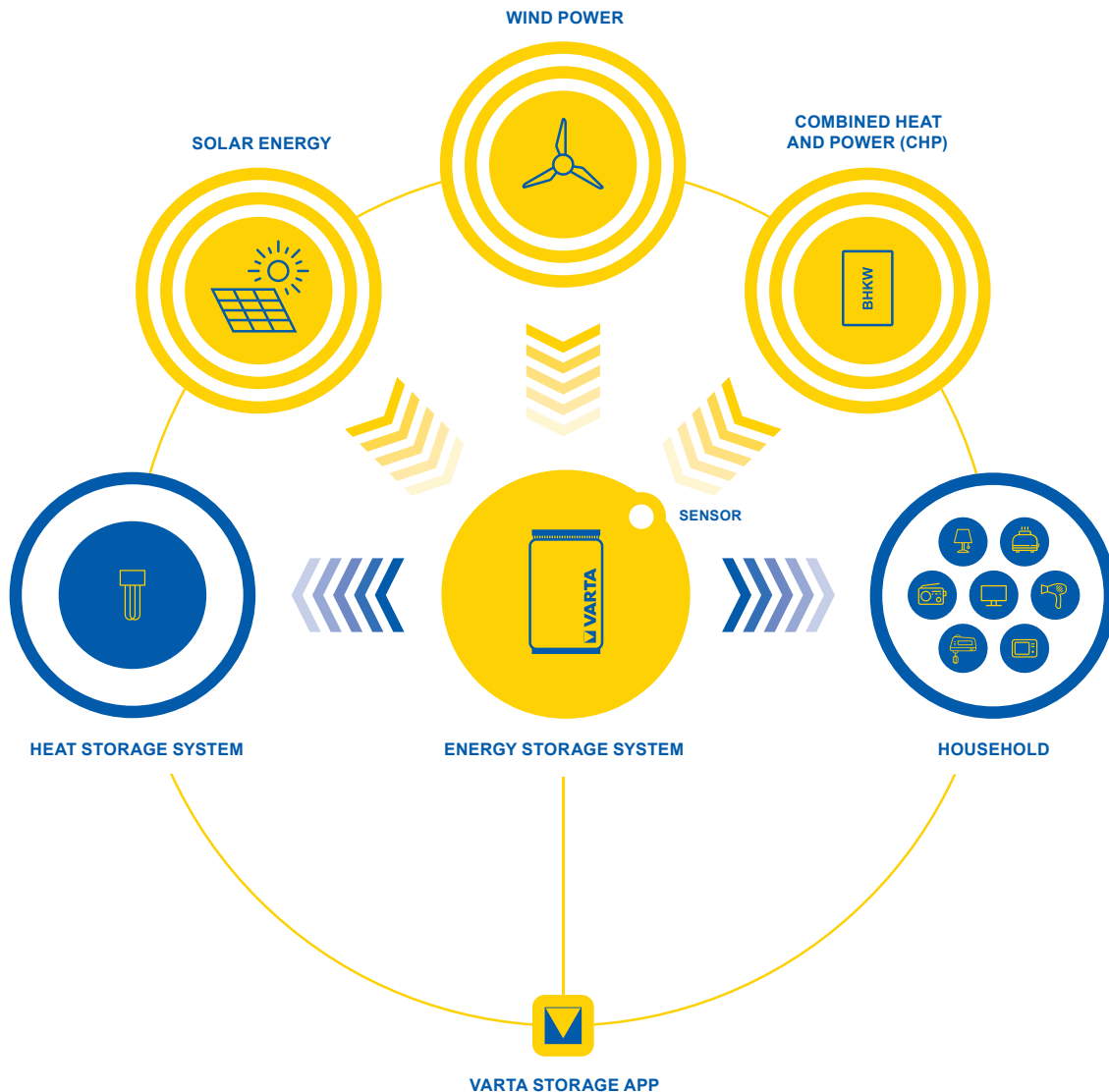
	ELEMENT 3	ELEMENT 6	ELEMENT 9	ELEMENT 12
Nominal system capacity	3.3 kWh	6.5 kWh	9.8 kWh	13.0 kWh
Nominal system performance	1.6 kW	2.0 kW	3.0 kW	4.0 kW
Size (w x h x d) in mm	600 x 1,176 x 500	600 x 1,176 x 500	600 x 1,176 x 500	600 x 1,176 x 500
Weight	95 kg	115 kg	145 kg	165 kg

\* According to the manufacturer's warranty (available at [www.varta-storage.com/service/downloads](http://www.varta-storage.com/service/downloads)). \*\* Expected residual capacity: 80%.

## VARTA CONNECT

# SMART NETWORKING INTO THE FUTURE.

Easy, flexible and compatible with a range of home automation systems. VARTA energy storage systems can be integrated and linked to various configurations, smart homes, energy systems and management tools.





## VARTA STORAGE APP

# ONE CLICK CONTROL.

Our VARTA Storage App informs you about what happens at home without being there – enables you to control your energy storage system everytime everywhere.



### VARTA Storage App

The app for managing your energy storage system can be downloaded for free in the App Store and Google Store.

#### ► CLARITY

Round the clock, round the world – mobile monitoring of your energy storage system with your smartphone. Visualised and as a graphic you can see your performance data, your self-sufficiency and private consumption rate. On a daily basis, monthly, annually or throughout the entire term. The weather data at home can also be requested.

#### ► SELF-SUFFICIENCY LEVEL AND PRIVATE CONSUMPTION RATE

At a glance your self-sufficiency level and private consumption rate build up graphically.



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