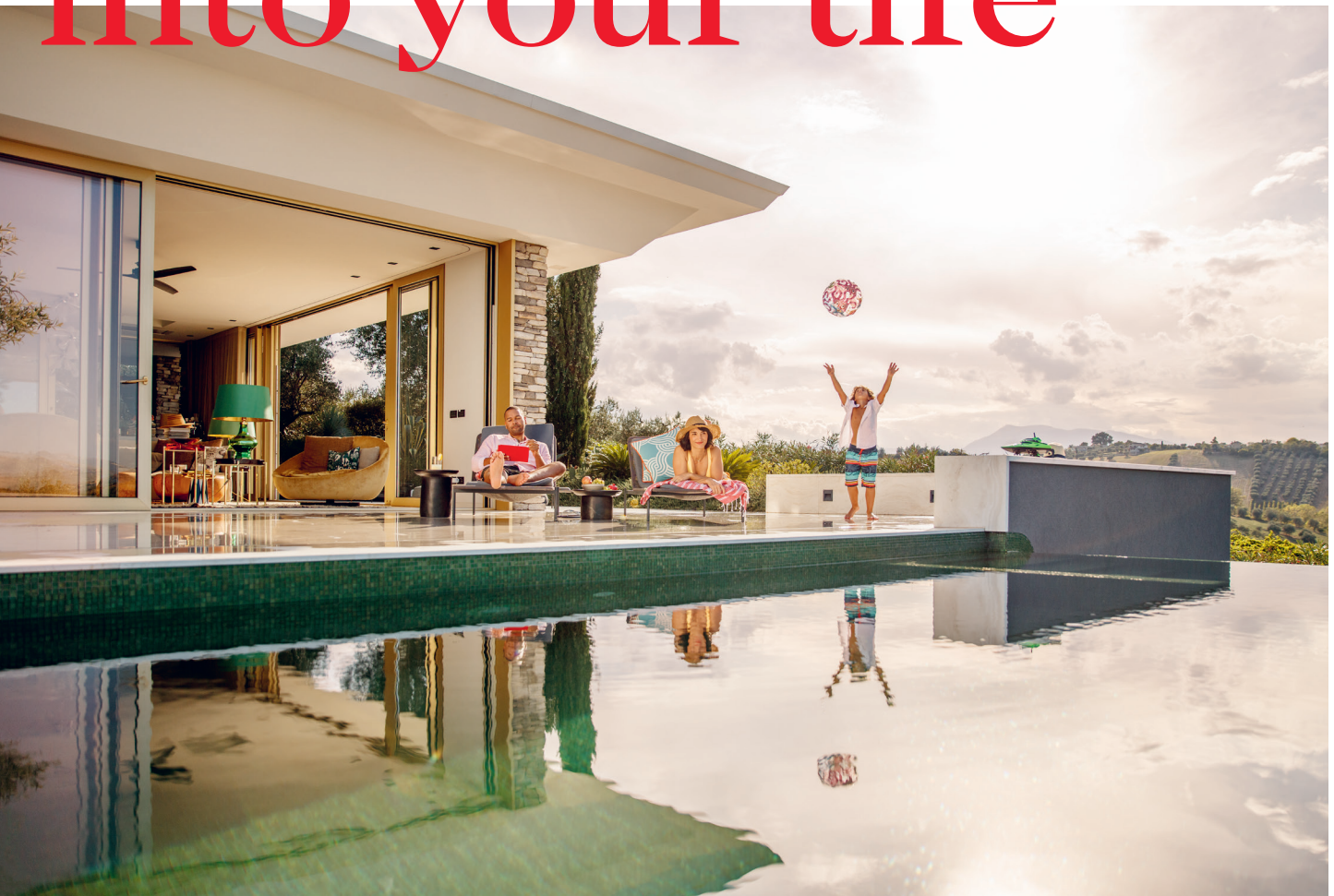




Bring 24 hours of sun into your life



Make the most of the sun's power – we'll show you how.

Put the sun's en

With a PV system on your own roof, you can make yourself independent from rising electricity prices while reducing your environmental footprint at the same time. But which components do you actually need to use the power of the sun to take control of your own energy supply?

1 PV modules

PV modules are combined with an inverter to form the basis of your personal energy transition. The modules are usually mounted on the roof, where they convert the sun's rays into electrical energy.

2 Inverter

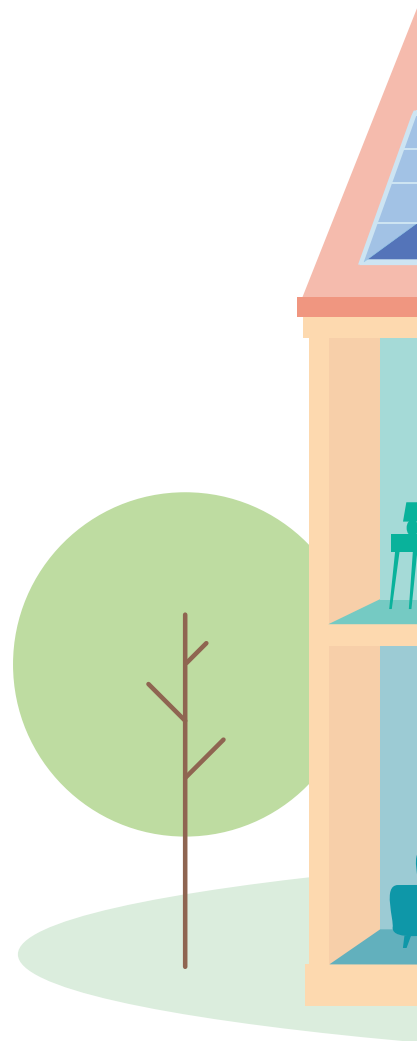
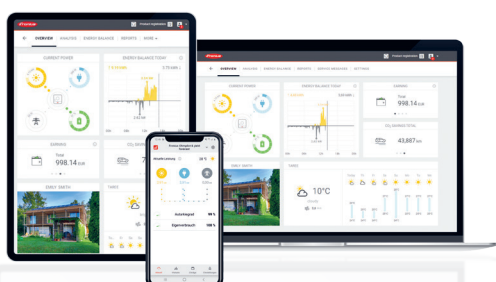
The inverter is the heart and brain of every PV system and is what makes solar energy usable in the first place. It converts the direct current generated by the PV modules into the alternating current required by all household appliances and by the power grid. Smart products like the **Fronius GEN24** also let you manage energy efficiently and integrate additional components for even higher self-consumption.

3 Smart Meter

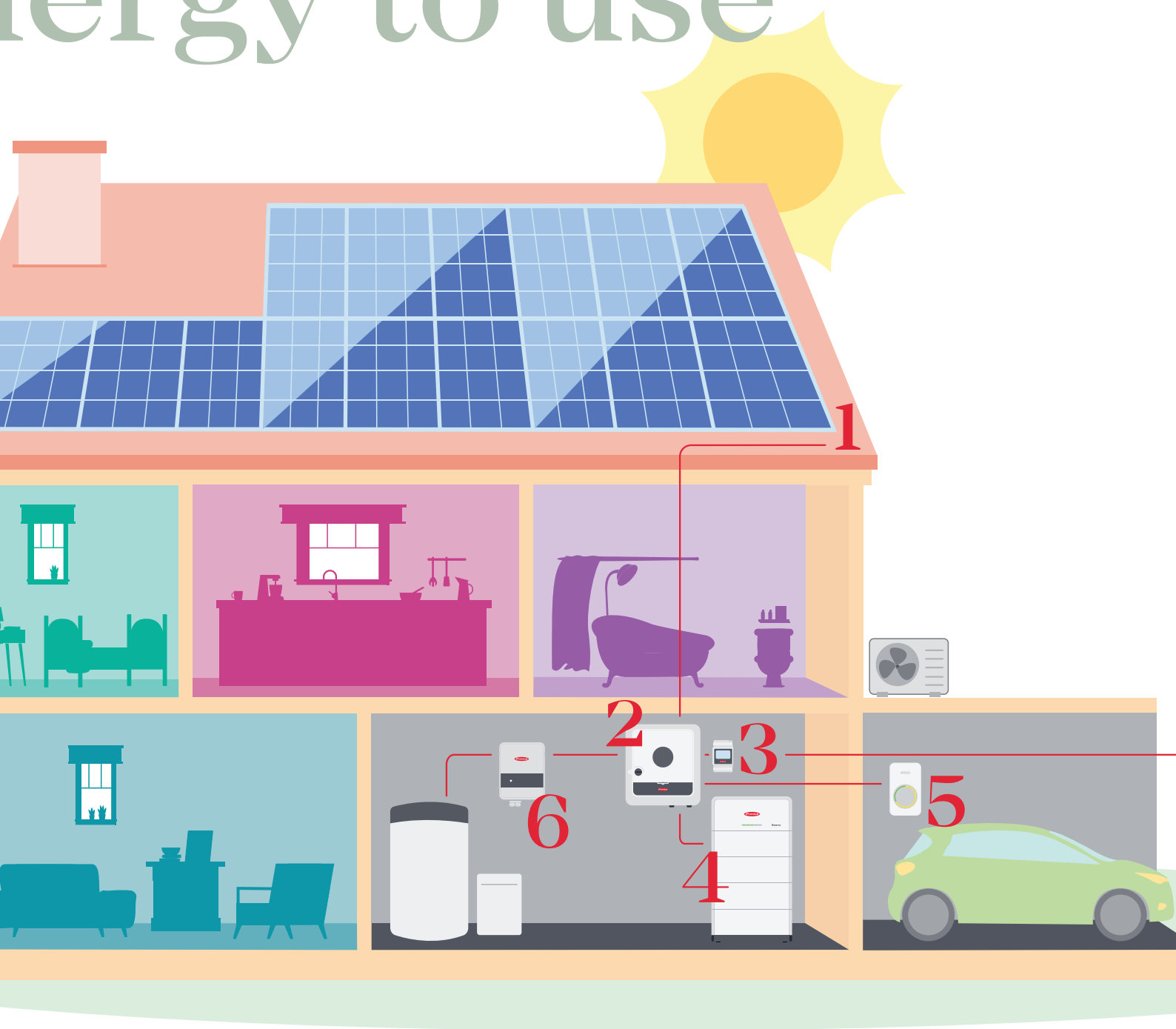
A Smart Meter provides the basis for **optimizing** your PV system. It measures all energy flows that come from the grid or flow into the grid. The **Fronius Smart Meter IP** is perfectly tailored to meet future requirements for feed-in and accurate billing.

Monitoring platform

With an online monitoring tool like **Fronius Solar.web**, you can monitor, analyze, and evaluate the energy yields and consumption of your PV system. As a Solar.web premium feature, the **Fronius Energy Cost Assistant** enables future-proof, AI-based energy management: PV production, consumption, and electricity prices are forecasted, and the storage strategy is optimized accordingly – for effective cost savings, without additional hardware.



energy to use



The flexible products and solutions from Fronius are not only optimally coordinated with each other but can also be adapted to perfectly match your individual needs.

* Note: This brochure provides an overview of our Fronius product portfolio for residential use. Some products may not be available in your country. Please refer to our website www.fronius.com or consult with your trusted Fronius partner for more information.

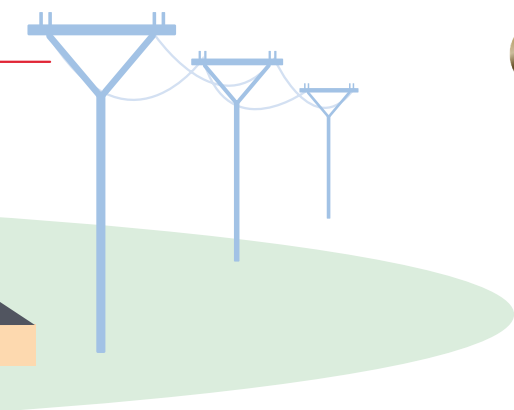
The sun never sends a bill

Since your PV system will often produce more energy than you can consume, it pays to look for other ways to use this surplus. Whether for electricity, heating, cooling or e-mobility Fronius has the right solution for you.*



4 Harness the power of the sun at all times

A combination of a hybrid inverter and a compatible battery, such as the **Fronius GEN24 Plus** and the **Fronius Reserva**, makes you even **more independent**. Thanks to minimal conversion losses, you can store and use your solar energy efficiently – particularly with **Battery Control** – even when the sun isn't shining. Our backup power switching components ensure maximum safety: the **Fronius Backup Controller** and the **Backup Switch** enable automatic or manual switchover to Full Backup operation, always ensuring a reliable energy supply for the entire household – even during a power outage.



Charge electric cars cost-effectively from your own PV system 5

Charging your electric car with surplus solar power from your own PV system will significantly boost your **energy self-consumption**. From day one, you can charge your electric car more cheaper with solar power than with grid power. With PV-optimised wallboxes such as the Fronius Wattpilot Flex, you can charge intelligently and flexibly.

The **Wattpilot Flex** is available in two versions: The **Home version** is ideal for private households, while the **Pro version**, with a MID-compliant meter, enables precise kilowatt-hour billing – perfect for company cars. For those who want smart charging on the go, the **Fronius Wattpilot Go** is the portable charging box that allows you to charge wherever a power outlet is available.



6 Hot water with solar power

Consumption regulators like the **Fronius Ohmpilot** use surplus solar power to **generate hot water and heating**. Mainly from April to October, the majority of household hot water requirements can be covered with solar power. This maximizes your self-consumption and reduces your carbon emissions while also protecting your heating system.

Innovation, quality and service at the highest level



Efficient use of energy and resources, product durability and reliability, and high European quality and safety standards – this is what Fronius stands for since 1945.

Solar pioneers from the industry's inception

- Family-run company in its third generation
- Experienced pioneer in the solar industry **since 1992**
- Several generations of inverters already on the market and still in operation

European value creation

- Fronius products are subject to **strict, European quality guidelines**: the entire value chain is considered
- High standards for product quality: intensive endurance and quality tests according to EU standards
- High focus on the entire value creation and supply chain: **75% of all components** come from Europe
- Compliance with **European security and data protection standards**

Quality that exceeds standards

- Products designed for **long service life**
- Intensive product development and **extensive load tests** before leaving the factory
- **Repairable** inverter design for efficient service and **quick maintenance**
- Up to 10 years free inverter warranty with registration



Fronius

the reliable partner for your own energy transition

With more than 30 years of experience, we are developing high-quality and innovative products to make our vision of 24 hours of sun – a world with 100% renewable energy supply a reality.

Higher PV yield

- Active cooling of power electronics for a **longer service life** of our inverters and **higher PV yields**
- High flexibility in string design and configuration options with all PV module technologies
- **Integrated shade management** for efficient energy yield even in partial shading
- **Highest system efficiency** with the Fronius Reserva and compatible battery storage systems

Environmentally conscious business practices

- Product life cycle analyses for a **transparent carbon footprint**
- Resource-conserving energy concept: manufacturing without fossil fuels, use of an ice energy storage system for heating and cooling, and a 2.2 MWp PV system
- **Fronius Repair Center** and on-site repair option for inverters

Find all the
details here:

