



# Designed to empower.

Fronius GEN24 and GEN24 Plus

Fronius  
Solar Energy

Home  
Inverter

# The Heart of Your Photovoltaic System

## Fronius GEN24 and GEN24 Plus

### Your energy revolution, your solution:

The **Fronius GEN24** is the **inverter**, that directly and flexibly lets you use the solar energy you generate. You can even enjoy 24 hours of sun in your home with the **Fronius GEN24 Plus** because the **hybrid inverter** lets you connect a battery storage system, making your energy supply even more independent. Electricity, heating, cooling, e-mobility: Anything is possible.

Full solar power for your energy revolution with the **Fronius GEN24** and **Fronius GEN24 Plus**.  
**Designed to empower.**



## Fronius GEN24 Versions

### **Fronius GEN24\***

Integrated backup power function

- Primo (single phase) 3-6 kW
- Symo (three phase) 3-12 kW

### **Fronius GEN24 Plus\*\***

Two backup power options | Battery connection

- Primo (single phase) 3-6 kW
- Symo (three phase) 3-12 kW

\* The Fronius UP.storage software upgrade gives the Fronius GEN24 storage functionality and opens up another backup power option with the Full Backup function. Available in the Fronius webshop in select countries.

\*\* The Full Backup option is not available for the Fronius Symo GEN24 3.0–5.0 Plus.



# Product Advantages

The more reliable, the better, especially when living off sustainable energy from your own PV system. This is exactly why the Fronius GEN24 and Fronius GEN24 Plus are capable of providing backup power right from the start and offer backup power options for any situation.

Backup Power  
for every  
situation

The Fronius GEN24 and Fronius GEN24 Plus have been designed so that you can make your self-sufficient energy supply as individual as possible. That's why the two inverters have open interfaces. This makes it exceptionally easy to integrate and manage components from Fronius or third-party providers.

Built-in  
Freedom

More functions. More control. More power. Thanks to the energy management functions of the Fronius GEN24 and Fronius GEN24 Plus, you continuously save time and money. The device design enables fast and flexible installation, while our software generates optimum yields, even in the shade. What's more, the integrated active cooling extends the service life of the inverters, securing your investment for many years to come.

Versatility as  
Standard



# The Right Solution

## Fronius GEN24

### Sustainably Future-proof

For those who don't want to decide right away: Thanks to the **Fronius UP.storage** software upgrade, your device can be **retrofitted** with the battery connection and therefore the Full Backup option at any time.

### Backup Power for Every Situation

Get backup power direct from the sun with the Fronius GEN24 with PV Point. In the event of a power failure, energy is supplied to loads via a socket. There's no need for a battery, as long as the sun is shining. The **PV Point Comfort** supplies the loads continuously, either with electricity from the grid or from the sun, and automatically switches to emergency power mode when required.

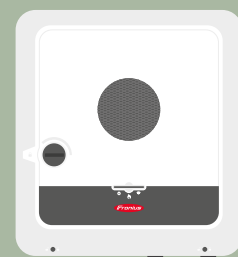


## Fronius UP.storage:

The Upgrade Offering Greater Flexibility

The Fronius UP.storage software upgrade transforms the Fronius GEN24 into the Fronius GEN24 Plus hybrid inverter with all its functions and benefits, from the ability to connect a battery storage system to the Full Backup function.\*

\* The Full Backup option is not available for the Fronius Symo GEN24 3.0–5.0 Plus.



Fronius GEN24



# ion: With or Without a Plus

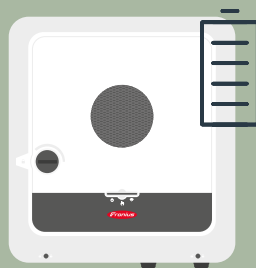
## Fronius GEN24 Plus

### Backup Power for Every Situation

No mains power? No problem! The **Fronius GEN24 Plus** offers **two options for maximum reliability in the event of a power failure**: The PV Point supplies backup power directly to a socket. Alternatively, with a battery connected, the Full Backup option ensures that the entire home is reliably supplied with power, even with large consumption loads such as heat pumps.

### Maximum Independence

Sustainable self-sufficiency with 24 hours of sun: By combining the **Fronius GEN24 Plus with a battery**, you can get even more out of your photovoltaic system, even at night. Use more of your own electricity and become more independent of electricity providers and prices.



Fronius GEN24 Plus





# Sustainable Right from the Start

## Multi-award-winning

### Impressive efficiency

For the fifth time in a row, Fronius GEN24 Plus and the BYD Battery-Box Premium have proven to be among the most efficient solutions in the Energy Storage Inspection 2024. The Energy Storage Inspection is carried out annually by HTW Berlin and is considered Europe's most important study on the efficiency of PV storage systems.



reddot award 2019  
winner



## Made in Europe

All our products and solutions are "Made in Europe" with a constant focus on sustainability. This has been verified by the renowned Fraunhofer IZM, which put our Fronius GEN24 inverters to the test in a life cycle analysis. They impressed in every phase with sustainable performance and outstanding features.



## 24 Hours of Sun for Everyone

We have always been driven by a vision: to make solar energy available any time of day, night, or in any season. And today we can proudly say, "Mission accomplished!". With our solutions for the use, storage, and distribution of solar energy, you can enjoy the power of the sun around the clock.

## Solar Energy for Lower CO<sub>2</sub> Emissions

Living an energy self-sufficient life is worth it: By using a photovoltaic system combined with the Fronius GEN24 or Fronius GEN24 Plus, you can save money and reduce CO<sub>2</sub> emissions. Right from day one.

**For example:** Over 20 years, you can save as much CO<sub>2</sub> as **587 flights\*** from Lisbon to New York would generate.



**100 %**

### **Recycled Aluminum**

for the heat sinks in all Fronius GEN24 and Fronius GEN24 Plus inverters



**Maximum**

### **Repairability**

on site, thanks to easy-to-replace individual components



**100 %**

### **Green Power**

in our production facilities in Austria

\* Depending on the specific scenario of the Fronius GEN24 life cycle analysis.

Fronius GEN24 & GEN24 Plus. Designed to empower.

# Your Photovoltaic System Can Do More

Imagine if you could use your excess solar energy to produce heat or energy to power your electric car. Fronius makes it easy for you. With solutions tailored to your needs.



Fronius Ohmpilot

The Fronius Ohmpilot consumption regulator uses excess power to continuously control the heating of hot water, so you can enjoy efficient energy use and even lower CO2 emissions.



Fronius Wattlepilot

Sustainable, affordable travel: The Fronius Wattlepilot uses excess solar energy to power your electric car. Available as a mobile charging solution to take with you or as a stationary model for the home.



Fronius Solar.web

Everything under control: With our Fronius Solar.web monitoring tool, you can keep an eye on your PV system any time, anywhere, keeping your energy transition on track, simply by using it in our app or on the web.

For more information on the product and our Fronius partners, go to: [www.fronius.com/gen24-residential](http://www.fronius.com/gen24-residential)

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