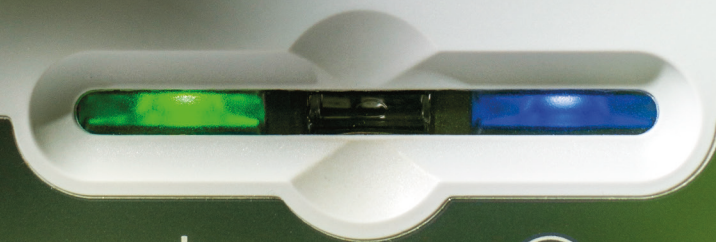




GEN24

Fronius GEN24 & GEN24 Plus



Fronius GEN24 & GEN24 Plus

The heart of your photovoltaic system



Backup Power for every situation

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.

Built-in Freedom

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.

Versatility as Standard

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.

GEN24



UP.storage

Fronius GEN24 Versions

Fronius GEN24

- Integrated backup power function
- Primo (single phase) 3.0 - 10.0 kW
 - Symo (three phase) 3.0 - 12.0 kW

Fronius GEN24 Plus*

- Two backup power options | Battery connection
- Primo (single phase) 3.0 - 10.0 kW
 - Symo (three phase) 3.0 - 12.0 kW

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. Available in selected countries.

The Right Solution

With or Without a Plus



Fronius GEN24

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 GEN24 Plus

Maximum independence with Full Backup:

In combination with a **battery storage system** such as the **Fronius Reserva**, the Fronius GEN24 Plus gets even more out of your photovoltaic system - even after sunset. This allows you to use more of your self-generated electricity, make yourself less dependent on energy suppliers and protect yourself from rising electricity prices. This is your path to a sustainable and independent energy supply - with 24 hours of sunshine.

With the Full Backup option, you gain additional security: in the event of a power failure, your entire home can continue to be supplied with self-generated solar power - provided there is sufficient energy available. Switchover devices such as the **Fronius Backup Controller** or the **Fronius Backup Switch** ensure a smooth transition to emergency power operation, where even large consumers such as heat pumps are reliably supplied. While the Backup Controller switches over **automatically**, the Backup Switch offers a **manual** solution.



One-stop-shop

Fronius now offers all the components for 24 hours of sun - a complete PV system from a single source. Electricity, heating, cooling, e-mobility – everything is possible with GEN24 Plus, even at night. The battery-enabled inverter is perfectly matched to the Fronius storage solution, Reserva, and makes you even more independent.



The Fronius storage solution

Make yourself independent and utilise solar energy around the clock. The Fronius Reserva is a high-voltage battery with DC coupling that guarantees particularly effective and efficient energy transfer. With capacities from 6.3 to 15.8 kWh, it adapts flexibly to your needs.



Backup power for every eventuality

With the Fronius Backup Controller & Backup Switch, you can switch to full backup power operation either automatically or manually. These cost-effective switching components can be installed in the control cabinet to save space and eliminate the need for additional hardware such as switch boxes.



Charge electric cars cost-effectively

With PV-optimised wallboxes such as the Fronius Watterpilot Flex, you can charge intelligently and flexibly. The Watterpilot 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 further information, please visit: www.fronius.com/gen24-residential

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