

/ Perfect Welding / Solar Energy / Perfect Charging



# FRONIUS GEN24 PLUS

UNIQUELY VERSATILE.

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## THE VERSATILE HYBRID INVERTER WITH INTEGRATED BACK-UP POWER.

The Fronius GEN24 Plus is the solution for solar energy supply. Whether it is used in photovoltaics, a storage system, back-up power, heating or e-mobility, the Fronius GEN24 Plus offers a unique range of solutions and is therefore playing a pioneering role in the home energy revolution.

[www.fronius.com/gen24plus](http://www.fronius.com/gen24plus)

### PV POINT

The integrated basic grid back-up – a socket that is supplied with power during power outages – ensures that important loads can continue to operate even without a battery.



## MAXIMUM INDEPENDENCE THANKS TO CUSTOM BACK-UP POWER VARIANTS

Thanks to the Fronius GEN24 Plus, energy security is no longer simply a question of cost:

Whether a battery was fitted when the PV system was installed or added later – the GEN24 Plus always deliver the most appropriate back-up power solution. Multi Flow Technology means that loads can be supplied with energy and the battery can be simultaneously charged during power outages. This results in a longer-lasting back-up power supply and a higher degree of self-supply.



# A LOOK BEHIND THE SCENES

TRIED-AND-TESTED FEATURES ARE COMPLEMENTED BY SMART INNOVATIONS:

- / **PV Point** - integrated basic grid back-up
- / **Energy management** - 4 digital I/Os to increase self-consumption
- / **Multi Flow Technology** - parallel energy flows, even when using grid back-up
- / **Dynamic Peak Manager** - optimum yields, even in the shade
- / **SuperFlex Design** - maximum freedom in PV system design
- / **Solar.web** - evaluation and analysis tool for increased transparency
- / **Standardised interfaces** - easy integration of third-party systems
- / **Active Cooling Technology** - long service life for the inverter



reddot award 2019 winner



TECHNICAL DATA	PRIMO GEN24 Plus	SYMO GEN24 Plus
Single-phase / three-phase	single-phase 230 V	three-phase 230 / 400 V
Power classes	3 / 3.6 / 4 / 4.6 / 5 / 6 kW	6 / 8 / 10 kW
MPP-Tracker	2	2
Protection class	IP 66	IP 66
Dimensions (height x width x depth)	528 x 474 x 164 mm	594 x 527 x 165 mm
Weight	16.6 kg	25 kg
DC input voltage range (U <sub>dc min</sub> - U <sub>dc max</sub> )	65 V - 600 V	80 V - 1,000 V



# EXTREMELY SIMPLE INSTALLATION, COMMISSIONING AND SERVICING

- / Time and cost savings due to quick-release screws, push-in spring terminals and a sophisticated wall mounting system.
- / The user-friendly setup wizard can be used on any smartphone or tablet.
- / Commissioning is carried out in just a few steps.
- / Additional copy and paste function allows for easy configuration of multiple inverters.
- / Open interfaces make it easy to integrate third-party components such as home automation systems.



# GEN24 PLUS AT A GLANCE

## FIVE REASONS WHY GEN24 PLUS IS THE RIGHT CHOICE FOR YOUR APPLICATIONS.

- 1 BASIC GRID BACK-UP POWER FUNCTION ON BOARD**  
A free basic grid back-up (PV Point) is integrated in the GEN24 Plus as standard and can be used without a battery. The full back-up option offers maximum independence.
- 2 EXTREMELY SIMPLE INSTALLATION, COMMISSIONING AND SERVICE**  
Quick-release screws, push-in spring terminals and a straightforward wall mounting system make it easy to both install and service the hybrid inverter. The inverter is easy to commission using an app on a smartphone or tablet.
- 3 MAXIMUM SELF-CONSUMPTION AND SELF-SUPPLY**  
Integrated energy management functions and open interfaces enable a maximum rate of self-consumption and self-supply for e-mobility and hot water.
- 4 HYBRID INVERTER WITH MULTI FLOW TECHNOLOGY**  
The integrated Multi Flow Technology not only enables simultaneous energy flows in all directions, but also the AC, DC and AC & DC coupling of the battery storage system. This results in a high self-consumption rate and flexibility in the system.
- 5 COST SAVINGS**  
A number of integrated features (back-up power, system and energy analysis tool, integrated Dynamic Peak Manager, energy management function, SuperFlex Design, etc.) eliminate unnecessary additional costs.

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### THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 4,760 employees worldwide and 1,253 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

Further information about all Fronius products and our global sales partners and representatives can be found at [www.fronius.com](http://www.fronius.com)

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