

/ Perfect Welding / Solar Energy / Perfect Charging



SHIFTING THE LIMITS



# FRONIUS SYMO

/ Smarter, lighter, more flexible



**MADE  
IN AUSTRIA**

# FRONIUS SYMO TRANSFORMERLESS INVERTER

- / State-of-the-art three-phase technology
- / Available in power categories 3.0 - 20.0 kW



3.0 - 8.2 kW

10.0 - 20.0 kW

## SMARTER, LIGHTER, MORE FLEXIBLE

/ The Fronius Symo's ability to communicate with the user, the PV system and the grid makes it one of the smartest inverters available. With the Fronius SnapINverter design it is also one of the lightest and easiest to install. The wide input voltage range and two MPP trackers ensure super design flexibility. Boasting power categories ranging from 3.0 to 20.0 kW, the transformerless Fronius Symo is the three-phase inverter for systems of every size.



### SMARTER: WLAN SYSTEM MONITORING

/ The Fronius Symo efficiently meets every home owners data communication and system monitoring needs. An integrated datamanager ensures easy connection to the internet via WLAN or Ethernet.<sup>1</sup> Keep an eye on your yield using your PC, smartphone or tablet without any extra cost.

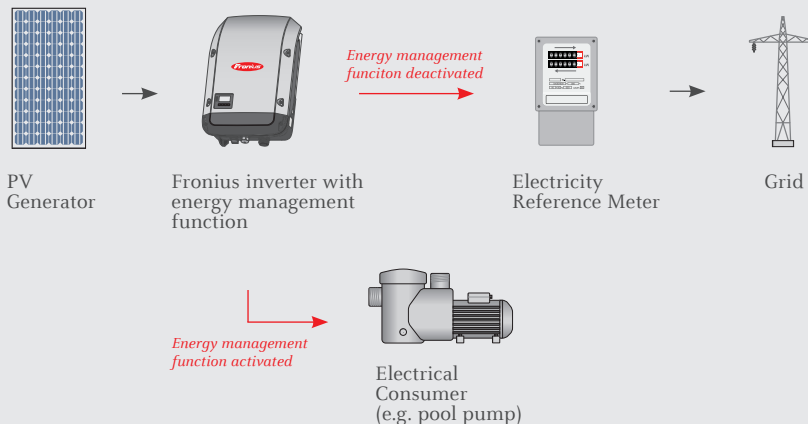


- / Monitor your system from anywhere in the world
- / Optimise self-consumption by visualizing your production
- / Real time system status alerts via email and SMS



### SMARTER: ENERGY MANAGEMENT FUNCTION

/ With an integrated energy management function, the Fronius Symo provides a solution for optimising private consumption of self-generated solar-power. The energy management function allows power to be directed to a specific electrical appliance<sup>2</sup>, fast-tracking your payback.



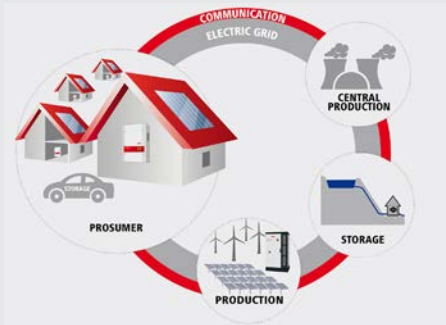
<sup>1</sup> Also available in light version without integrated Fronius Datamanager

<sup>2</sup> Functionality of the energy management relay depends on the type of appliance utilized. For more information please contact [pv-support-australia@fronius.com](mailto:pv-support-australia@fronius.com)



### SMARTER: SMART GRID READY

/ As the number of decentralised energy generators rises, so too does the need for an intelligent power grid. In the near future grid operators will impose new requirements on local generators such as photovoltaic systems - requirements the Fronius Symo already meets today.



- / Future-proof
- / Meets present & future grid connection requirements
- / Helps to support and improve grid stability



### SMARTER: OPEN DATA COMMUNICATION

/ It is easy to connect Fronius inverters to components from third party suppliers. The open SunSpec Modbus TCP and JSON protocols provide a simple way of establishing a data connection to other systems such as BMS, SCADA and home automation.



### LIGHTER: SNAPINVERTER

/ The Fronius Symo is up to 46% lighter than comparable inverters. This, in combination with the Fronius SnapINverter design, allows for quick & easy installation. The SnapINverter design features an AS/NZS 4777 & 5033 compliant integrated DC isolator which saves time & cost as no additional external DC isolator adjacent to the inverter is required.

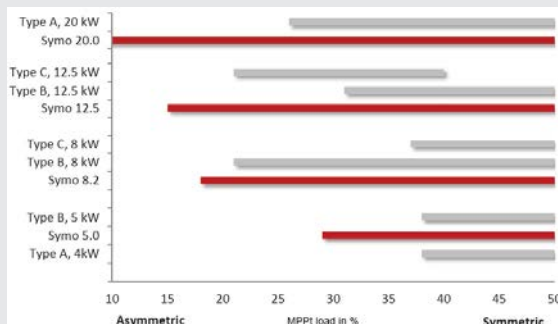


- / Light weight
- / Lower installation cost
- / Quick installation
- / Easy servicing
- / AS/NZS 4777 & 5033 compliant DC isolator



### MORE FLEXIBLE: SUPERFLEX TECHNOLOGY

/ Fronius Superflex technology makes designing a PV system easier than ever. The low starting and very broad voltage range of the two MPPTs allows connection of highly asymmetric configurations. This enables the designer to solve most shading issues, in some cases even a 1:9 ratio between MPPT1 and MPPT2 is possible.



- / High design flexibility
- / Most module configurations can be used
- / Optimised performance for shading



### SERVICES: PROACTIVE SERVICE READY

/ A local Fronius Service Partner is qualified to perform on-site service and repair in just one trip. In combination with the remote system reporting capabilities of the Fronius Symo, the Fronius Service Partner is able to provide Proactive Service<sup>3</sup> for a customer's system. This ensures maximum system uptime with the fastest service available.



- / Fastest service available
- / Protect your investment
- / Nationwide Fronius Service Partners
- / Remote system diagnosis
- / One trip to site



### SERVICES: WARRANTY EXTENSION

/ Fronius inverters come with a standard 5-year warranty. As an option the warranty period can be extended to 10, 15 or 20 years.

<sup>3</sup>Subject to Fronius Service Partner's offerings



**East Gippsland SOLAR**  
QUALITY LOCAL & PROFESSIONAL SUPPLIERS & INSTALLERS

Phone: 5153 0722

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### WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,000 employees worldwide, we shift the limits of what's possible - our more than 850 active patents are testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

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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Fronius Australia Pty Ltd.  
90-92 Lambeck Drive  
Tullamarine VIC 3043  
Australia  
[pv-sales-australia@fronius.com](mailto:pv-sales-australia@fronius.com)  
[www.fronius.com.au](http://www.fronius.com.au)

Fronius International GmbH  
Froniusplatz 1  
4600 Wels  
Austria  
[pv@fronius.com](mailto:pv@fronius.com)  
[www.fronius.com](http://www.fronius.com)