



SHIFTING THE LIMITS



# FRONIUS IG PLUS

/ Feature guide



# FRONIUS IG PLUS TRANSFORMER INVERTER

**WITH ADVANCED GRID FEATURES**

- power factor correction
- low voltage ride through (LVRT)



3 - 12 kW  
available in single, dual and three phase

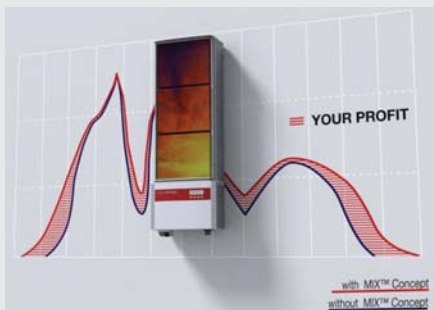
## DEPENDABLE YIELD, RELIABLE AND COMPLETELY VERSATILE:

/ The Fronius IG Plus generation of inverters represents an evolution of the proven Fronius IG product family. Power categories from 3 to 12 kW promise suitability for a wide range of system sizes. With a maximum efficiency of 95.9%, the Fronius IG Plus range achieves top results.



### PERFORMANCE OPTIMISATION: FRONIUS MIX™ CONCEPT

/ Identical power racks divide up the work in the Fronius MIX™ concept. The individual power racks are turned off and on automatically depending on the varying levels of daily irradiation. Also, should one power rack happen to require servicing the others take over. The result: maximum earnings in partial load ranges (e.g. on cloudy days), high system stability, long operating life and easy servicing.<sup>1</sup>

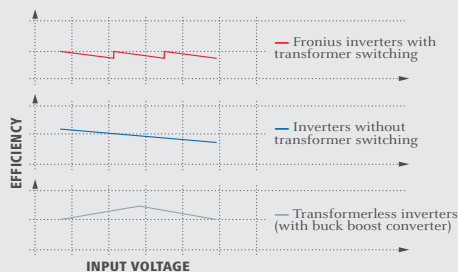


- / Maximum yield in partial load range
- / High system stability
- / Longer life
- / Breakdown protection



### PERFORMANCE OPTIMISATION: HF TRANSFORMER SWITCHOVER

/ Not one, but three efficiency peaks result in a constant level of efficiency across the entire input voltage range, creating higher yields. Other advantages of HF transformer technology are the compact, light-weight design, a high level of efficiency and safety as a result of electrical isolation.



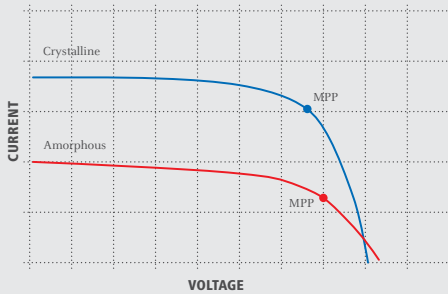
- / Three efficiency peaks
- / Safety
- / Light weight

<sup>1</sup> Available from 6kW and up



### PERFORMANCE OPTIMISATION: INTELLIGENT MODULE MANAGER

/ The Fronius Module Manager always locates the maximum power point (MPP) achieving an outstanding MPP adaptation efficiency of >99.9% even for more demanding thin-film modules. This means you always get the best out of your PV system.



/ Always finds exact maximum power point



### PERFORMANCE OPTIMISATION: VENTILATION CONCEPT

/ Cool air is drawn in through a hermetically sealed channel keeping dust and moisture away from sensitive electronic components. This increases the operating life of your inverter and allows for optimal performance, even at high temperatures.



/ Air-tight sealed channel  
/ Keeps out dust & moisture  
/ Longer life



### SERVICING: MOUNTING SYSTEM

/ The connection compartment and power module compartment of the inverter are fitted separately. If servicing is required only the power module compartment needs to be removed. All your settings and configurations are thus retained.

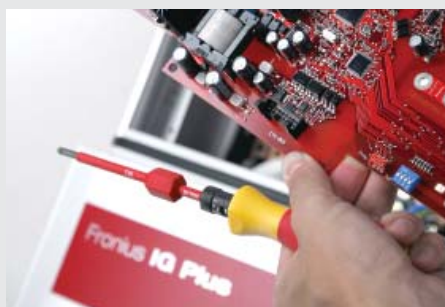


/ Quick installation  
/ Easy servicing  
/ Keeps your data safe



### SERVICING: PC BOARD REPLACEMENT CONCEPT

/ The unique design of Fronius string inverters allows easy replacement of the PC boards which can be done on site. This enables our Fronius Service Partners to provide the fastest inverter service for you and helps secure your yield.



/ Fastest service available



## SYSTEM MONITORING

/ With the comprehensive Fronius DATCOM, you can set up a complete monitoring system including extensive data recording, analysis, visualisation as well as remote monitoring. Keep an eye on your yield using your PC, smartphone or tablet.



- / Fronius solar.access - for your PC
- / Fronius solar.web - online access
- / Fronius solar.web app - for your smart phone



## WARRANTY EXTENSION

/ Fronius inverters come with a standard 5-year warranty. In addition, you have the option of extending the warranty period to 10, 15 or 20 years.

/ Battery Charging Systems / Welding Technology / Solar Electronics

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

/ Whether Battery Charging Systems, Welding Technology or Solar Electronics - our goal is clearly defined: to be the technology and quality 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. 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)