



SHIFTING THE LIMITS



FRONIUS CL

/ Feature guide



FRONIUS CL CENTRAL INVERTER

Available in 36, 48 and 60 kW power categories, making it the perfect central inverter for system sizes up to 1MW.



WITH ADVANCED GRID FEATURES
 - power factor correction
 - low voltage ride through (LVRT)

THE CENTRAL INVERTER FOR LONG-TERM PEAK PERFORMANCE

/ The CEC approved Fronius CL combines high-yield power electronics with a unique modular system design of up to 15 identical power racks in the Fronius MIX™ concept. The result: **Maximised yield and maximised uptime.** This makes the Fronius CL the optimal central inverter for commercial PV systems of up to several hundred kilowatts.



PERFORMANCE OPTIMISATION: FRONIUS MIX™ CONCEPT

/ In the Fronius CL up to 15 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.

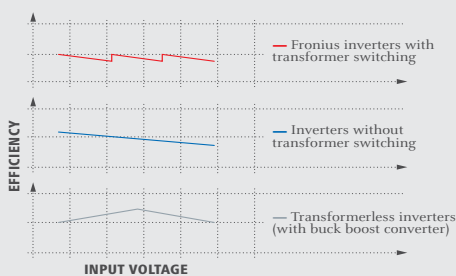


- / Maximum yield in partial load range
- / High system stability
- / Longer life
- / Breakdown protection



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.

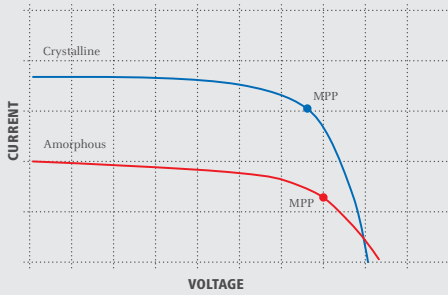


- / Three efficiency peaks
- / Safety
- / Light weight



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: INTELLIGENT COOLING

/ 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



FAST ON-SITE SERVICING

/ If servicing is required, power racks can be removed and replaced easily via the plug & play principle and drawer design. All servicing can be done by the installer. This ensures the highest servicability and fastest reaction time available.



- / All servicing performed by installer
- / Highest servicability
- / Fastest reaction time available
- / Maximum uptime



EASY PLANNING, EASY INSTALLATION

/ Due to its wide input voltage range and integrated grounding option the Fronius CL can be used for many different applications. No special tools are required for transport or installation. The spacious connection compartment makes electrical installation particularly easy.



- / Flexibility
- / Compatibility
- / Easy installation
- / Low installation cost



EXTENSIVE SYSTEM MONITORING

/ Integrated communication capabilities coupled with the comprehensive Fronius DATCOM, allow complete monitoring including extensive data recording, analysis, visualisation as well as remote monitoring. Keep an eye on your yield using your PC, smart phone or tablet.



- / String monitoring
- / 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



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