Fronius

SHIFTING THE LIMITS

FRONIUS DATAMANAGER 2.0

/ The integrated Wi-Fi®* datalogger for all applications

AVAILABLE NOW!
With mobile app commissioning step-by-step wizard!

/ The new Fronius Datamanager 2.0 is the next generation in data monitoring and communications hardware. Whenever it is connected to the internet via Ethernet or Wi-Fi®*, the Fronius Datamanager 2.0 sends the PV system values directly to the Fronius Solar.web online portal. This provides you with an overview of how the system is operating at all times. The Fronius Datamanager 2.0 enables inverters to be connected directly to the internet via Wi-Fi®*. The system and the Fronius Datamanager 2.0 configuration are monitored via the dedicated website on the integrated web server of Fronius Datamanager.
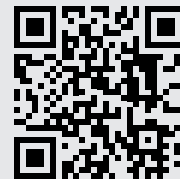
/ The integrated SunSpec Modbus RTU, SunSpec Modbus TCP and Fronius Solar API (JSON, for real-time values) interfaces allow Fronius inverters to be seamlessly linked to third-party systems and run in parallel with Fronius Solar.web for the most effective data monitoring possible.

FRONIUS DATAMANAGER 2.0

TECHNICAL DATA	DATAMANAGER 2.0
Storage capacity	max. 4096 days
Supply voltage	12 V DC Power supplied by inverter
Energy consumption	< 2.0 W
Dimensions	SnapINverter 5.51 in. x 3.98 in. (IG, IG Plus, CL 4.5 in. x 3.9 in.)
Operating temperature range	-4℉ - + 149℉ (-20 - +65℃)

INTERFACES	DATAMANAGER 2.0
Ethernet (RJ45 socket)	LAN, 10/100 MBit / Fronius Solar.web, SunSpec Modbus TCP, Fronius Solar API (JSON)
RS422 (RJ45 socket)	Fronius Solar.Net IN
Wi-Fi	Wireless standard 802.11 b/g/n / Fronius Solar.web, SunSpec Modbus TCP, Fronius Solar API (JSON)
6 digital input + 4 digital I/Os	Load management; signaling, multipurpose I/O
RS485	SunSpec Modbus RTU or meter connection

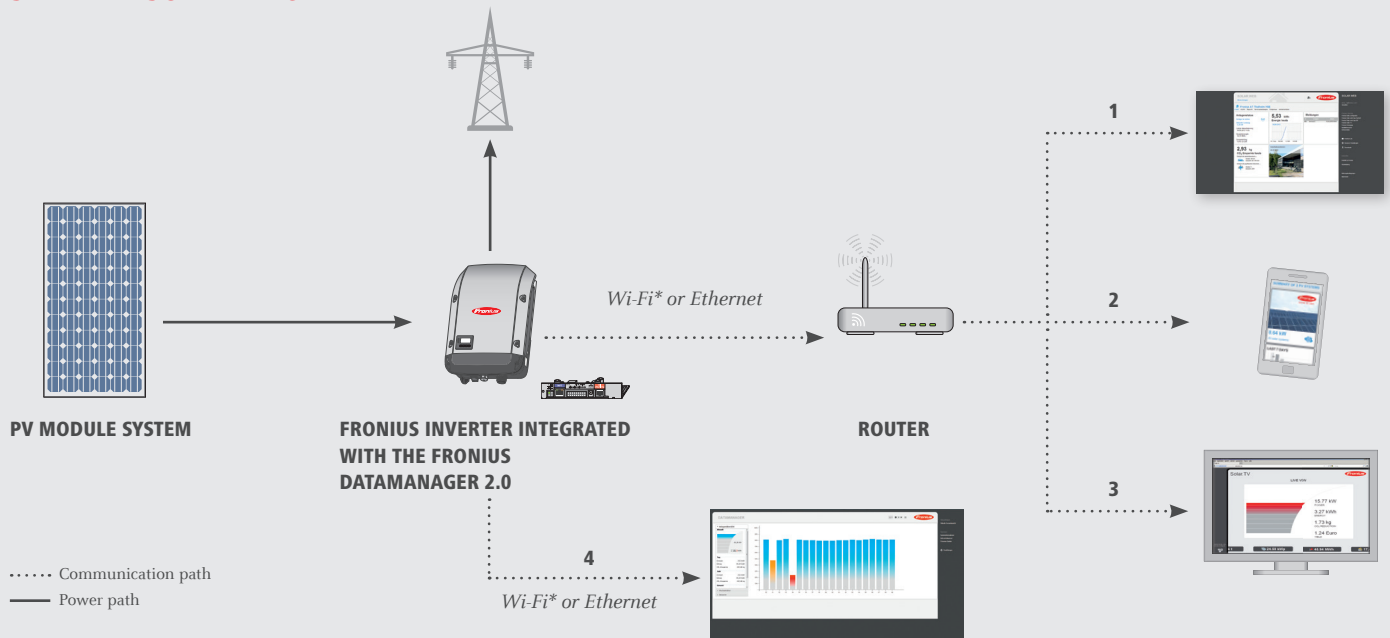**Scan the code to access the free commissioning wizard!**

THE ADVANTAGES AT A GLANCE

/ **Easy installation** with the commissioning wizard app via tablet or smart phone for the provisioning, configuration process and registration on the Fronius Solar.web online portal.

/ **Universal data communication** as the Fronius Datamanager 2.0 provides conntectivity with Solar.web in parallel to third party systems.

/ **Professional visualization** with the online portal Fronius Solar.web.

SIMPLE VISUALIZATION

PV MODULE SYSTEM

FRONIUS INVERTER INTEGRATED WITH THE FRONIUS DATAMANAGER 2.0

Wi-Fi* or Ethernet

ROUTER

1

2

3

4

Wi-Fi* or Ethernet

...... Communication path
—— Power path

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1. FRONIUS SOLAR.WEB

/ If required, all data can be sent automatically to the Fronius Solar.web internet platform. This means that both real-time data and archive data can be opened and viewed at any time via the internet.

2. FRONIUS SOLAR.WEB APP

/ The mobile version of Fronius Solar.web enables you to keep track of the energy yield of your PV system at all times – even when you're on the road.

3. FRONIUS SOLAR.TV

/ The free Fronius Solar.TV online portal enables various PV system values to be transmitted and displayed clearly in a promotionally effective way in public spaces.

4. FRONIUS DATAMANAGER WEBSITE: VIA SMART PHONE, TABLET, WI-FI* OR ETHERNET

/ The Fronius Datamanager 2.0 has a dedicated website to allow users on a local network to access information quickly and easily.

/ Fronius Datamanager 2.0 is compatible with all US Fronius inverters. The Fronius Datamanager 2.0 is integrated into the Fronius Galvo, Fronius Primo and available with the Fronius Symo inverters as standard. Fronius Datamanager can be retrofitted to existing inverters whenever required. Different form factors of the Fronius Datamanager 2.0 are available for the Fronius IG/IG Plus and the Fronius SnapINverter lines. Ensure that you are using the appropriate versions for your inverters by contacting Fronius Technical Support at 877-FRONIUS.

/ Only one Fronius Datamanager is required for PV systems consisting of up to 100 inverters. A Com Card function (integrated or with a Fronius Com Card) is required in each of the other inverters. A Com Card function is not required in PV systems that have just a single inverter.

*The term Wi-Fi® is a registered trademark of the Wi-Fi Alliance.

/ Perfect Welding / Solar Energy / Perfect Charging

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 record of over 1,000 granted patents is 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**