

FRONIUS DATAMANAGER

/ The first integrated datalogger with WLAN



/ The Fronius Datamanager is a plug-in card and represents the new generation of dataloggers. Whenever it is connected to the internet via a LAN or WLAN, the Fronius Datamanager 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 enables inverters to be connected directly to the internet via a WLAN for the first time. The system and the Datamanager configuration are monitored via the dedicated website on the integrated web server of Fronius Datamanager. Fronius Datamanager also includes open interfaces that allow connection to other systems: the JSON protocol (for actual values) and Modbus TCP. These can be accessed via the existing Ethernet interface.

FRONIUS DATAMANAGER

TECHNICAL DATA

Storage capacity	max. 4096 days
Supply voltage	230 V AC (+10 % / -15 %) Power Supply via AC from the Fronius inverter
Energy consumption	2.2 W (with WLAN) / 1.4 W (without WLAN)
Dimensions	132 x 103 x 22 mm
Ambient temperature range	-20 to +65 °C

INTERFACES

Ethernet (RJ45 socket)	LAN, 100 MBit / Fronius Solar.web, Modbus TCP, JSON
RS422 (RJ45 socket)	Fronius Solar.Net IN
WLAN	Wireless standard 802,11 b/g / Fronius Solar.web
6 digital inputs	Interface to ripple control receiver
4 digital inputs/outputs	Interface to ripple control receiver

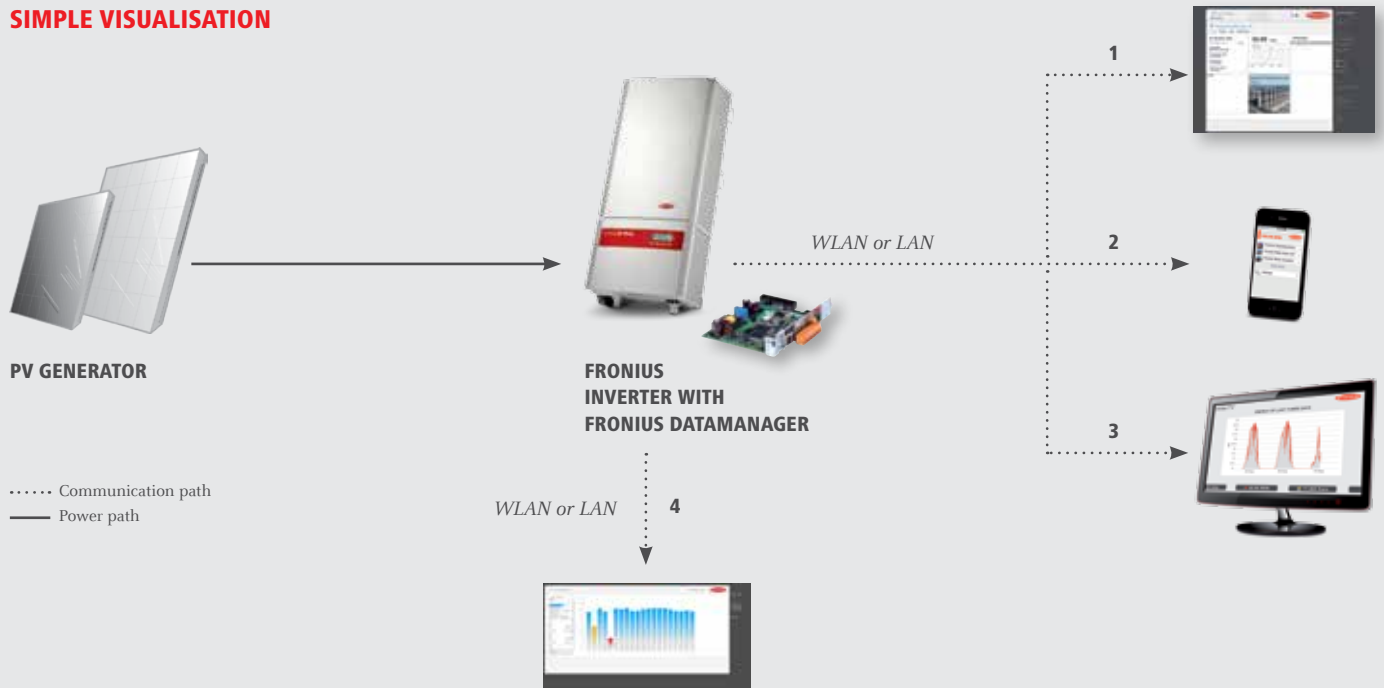
THE ADVANTAGES AT A GLANCE

/ **Professional visualisation.** The Fronius Datamanager sends PV system values directly to the Fronius Solar.web online portal. You can access the PV system values at any time from your PC, tablet or via the Fronius Solar.web app on your smartphone. The Fronius Solar.TV online service enables system values to be displayed simply and in a promotionally effective way in public spaces.

/ **Easy installation.** Installation is made even easier by the fact that the Fronius Datamanager is integrated directly in the inverter. You do not need any additional accessories or cables to your PC. Everything is handled by the WLAN option.

/ **Straightforward support.** As the Fronius Datamanager connects the inverter to the Fronius Solar.web directly, the technical support provided by Fronius or a Fronius Service Partner becomes even more straightforward.

SIMPLE VISUALISATION



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.

Requirements: Active internet connection, web browser (e.g. Microsoft Internet Explorer 9.0, Firefox 4 or equivalent), PV system registered in Fronius Solar.web.

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.

Requirements for Apple products: iPhones, iPods and iPads running the iOS 4.2 operating system or higher.

Requirements for Android smartphones: Software Android 2.1 (Eclair) or higher.

/ Only one Fronius Datamanager is required for photovoltaic systems consisting of a number of 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 photovoltaic systems that have just a single inverter.

/ Fronius Datamanager is compatible with all inverters (excl. Fronius IG TL and Fronius Agilo). Both the Fronius Galvo and Fronius Symo inverters have the Fronius Datamanager integrated as standard. Fronius Datamanager can be retrofitted to existing inverters whenever required. Different versions of the Fronius Datamanager are compatible with different types of inverter. Ensure that you are using the appropriate versions for your inverters.

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.

Requirements: Active internet connection, web browser (e.g. Microsoft Internet Explorer 9.0, Firefox 4 or equivalent), JavaScript fully supported.

4. FRONIUS DATAMANAGER WEBSITE: VIA LAN OR WLAN

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

Requirements: Web browser (e.g. Microsoft Internet Explorer 9.0, Firefox 4 or equivalent), PC/laptop on the same network as the Fronius Datamanager (e.g. via LAN/WLAN).

/ Battery Charging Systems / Welding Technology / Solar Electronics

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/ 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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