

# FRONIUS DATAMANAGER

/ The first integrated datalogger with Wi-Fi®\*



/ The Fronius Datamanager is a plug-in card that represents the new generation of data monitoring hardware. Whenever it is connected to the internet via Wi-Fi®\* or Ethernet, the Fronius Datamanager sends PV system values directly to the free Fronius Solar.web online portal, providing 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 Wi-Fi®\* for the first time. The PV system and Datamanager configuration can also be monitored via the dedicated website on the integrated web server and open interfaces allow connection to third party monitoring solutions.

## FRONIUS DATAMANAGER

### TECHNICAL DATA

Storage capacity	max. 4096 days
Power	Power Supply via AC from the Fronius inverter
Energy consumption	2.2 W (with Wi-Fi) / 1.4 W (without Wi-Fi*)
Dimensions	5.2 x 4.1 x 1.0 inches
Ambient temperature range	-4°F to 149°F (-20 to +65 °C)

### INTERFACES

Ethernet (RJ45 socket)	100 MBit / Fronius Solar.web, JSON
RS422 (RJ45 socket)	Fronius Solar.Net IN
Wi-Fi*	Wireless standard 802,11 b/g / Fronius Solar.web
4 digital outputs	External relays controls

## THE ADVANTAGES AT A GLANCE

/ **Network-Compatible Datalogger.** The Fronius Datamanager combines the functionality of the Fronius Com Card and Fronius Datalogger Web on a plug-in card.

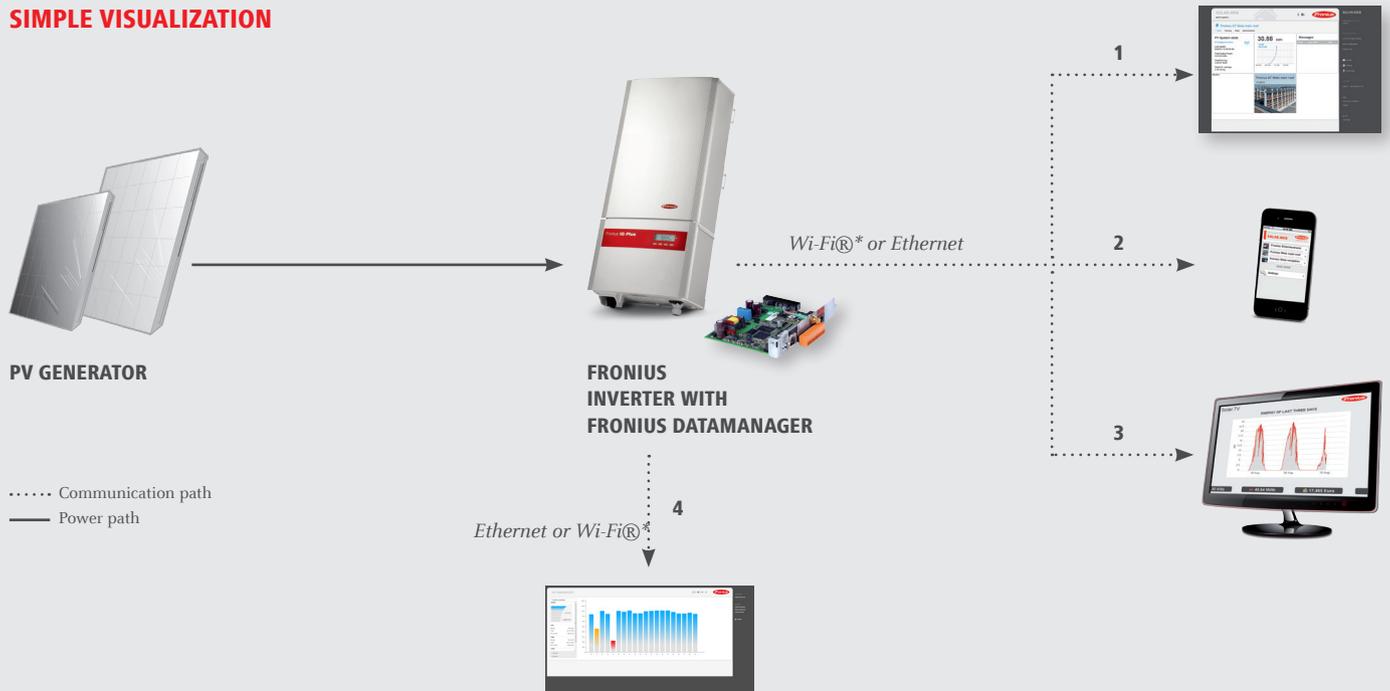
/ **Professional visualization.** The Fronius Datamanager sends PV system values directly to the Fronius Solar.web online portal. You can access PV system values at any time from your PC, tablet or via the Fronius Solar.web app on your smartphone. The Fronius Solar.TV online service enables system values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

/ **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 Wi-Fi® 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 Provider becomes even more straightforward.

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

## SIMPLE VISUALIZATION



### PV GENERATOR

### FRONIUS INVERTER WITH FRONIUS DATAMANAGER

..... Communication path  
 — Power path

#### 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 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.

/ Fronius Datamanager is compatible with most US inverters and can be retrofitted when required. It is recommended to confirm product software and hardware are compatible. The Fronius Galvo inverter has the Fronius Datamanager integrated as standard.

#### 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

/ 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/Wi-Fi).

/ 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 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)

v02 Feb 2014 EN

Fronius USA, LLC  
 6797 Fronius Drive  
 Portage, IN 46368  
 USA  
[pv-support-usa@fronius.com](mailto:pv-support-usa@fronius.com)  
[www.fronius-usa.com](http://www.fronius-usa.com)