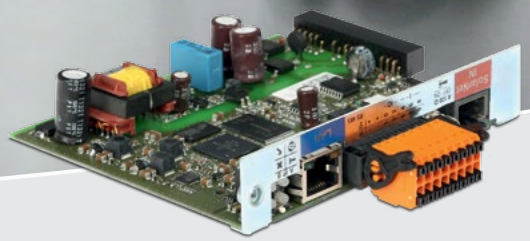
/ Perfect Welding / Solar Energy / Perfect Charging

SHIFTING THE LIMITS

FRONIUS DATAMANAGER 2.0

/ The integrated wireless datalogger for all applications



/ The Fronius Datamanager is the communications networking centre of Fronius inverters. When the card is connected to the Internet through a LAN or wireless connection, the Fronius Datamanager sends PV system data directly to the Fronius Solar.web monitoring portal. This gives you an overview of how your system is operating at all times. Both the PV system and the Datamanager configuration are monitored by the dedicated web server built into the Fronius Datamanager. Several integrated interfaces, including Modbus RTU SunSpec, Modbus TCP SunSpec and Fronius Solar API (JSON, for actual values), allow Fronius inverters to be seamlessly incorporated into third-party systems and monitored in parallel with Fronius Solar.web.

FRONIUS DATAMANAGER 2.0 AND FRONIUS DATAMANAGER BOX 2.0

TECHNICAL DATA	DATAMANAGER 2.0	DATAMANAGER BOX 2.0
Storage capacity	max. 4096 days	
Supply voltage	12 V DC Power supplied by inverter	12 V DC Power is supplied by the Fronius Solar.Net ring or an external plug-in power supply (not included in the scope of supply)
Energy consumption	< 2.0 W	
Protection class	N/A	IP 20
Dimensions	132 x 103 x 22 mm	190 x 114 x 53 mm
Operating temperature range	-20 to 65°C	

INTERFACES	DATAMANAGER 2.0	DATAMANAGER BOX 2.0
Ethernet (RJ45 socket)	LAN, 10/100 MBit / Fronius Solar.web, Modbus TCP SunSpec, Fronius Solar API (JSON)	
RS422 (RJ45 socket)	Fronius Solar.Net IN	
RS422 (RJ45 socket)	N/A	Fronius Solar.Net OUT
WLAN	Wireless standard 802.11 b/g/n / Fronius Solar.web, Modbus TCP SunSpec, Fronius Solar API (JSON)	
6 digital inputs	Interface to ripple control receiver	
4 digital inputs/outputs	Interface to ripple control receiver, load management	
RS485 [1)]	Modbus RTU SunSpec or meter connection	

[1)] This applies to all Fronius inverters (except the Fronius Symo Hybrid).

THE ADVANTAGES AT A GLANCE

/ **Professional monitoring and data presentation** with the cloud-based platform, Fronius Solar.web.

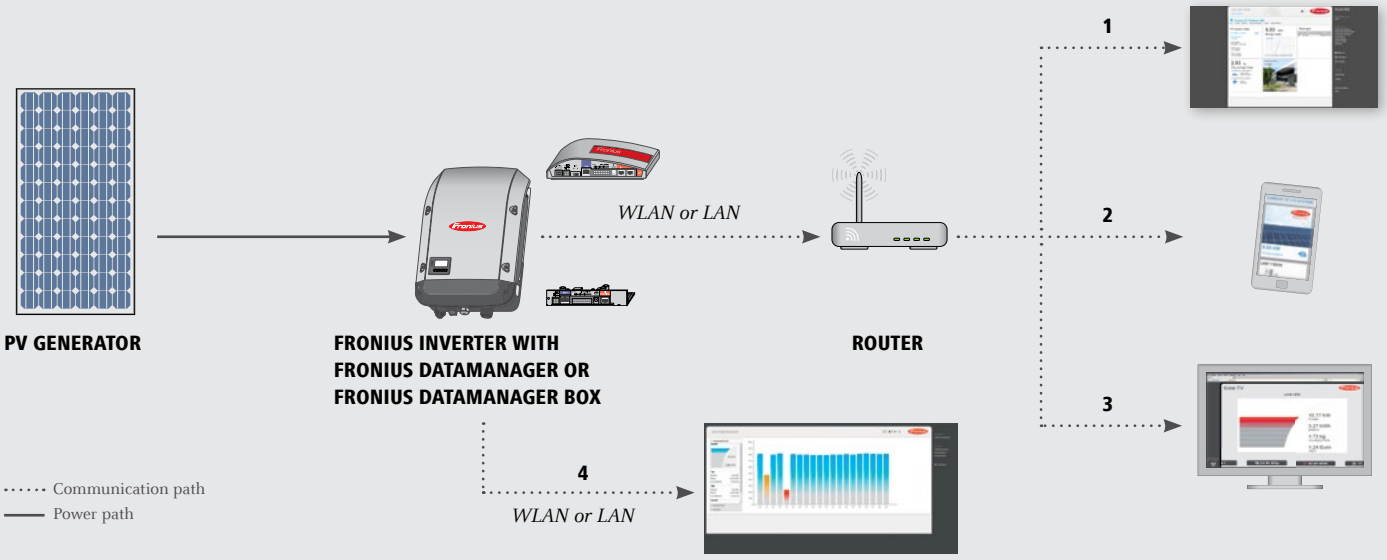
/ **Easy installation with the commissioning wizard,** installers can wirelessly connect to the Fronius Datamanager using their laptop/ smart device to easily configure monitoring and register the PV system on Fronius Solar.web.

/ **Straightforward support** as the Fronius Datamanager directly connects the inverter to Fronius Solar.web.



/ Fronius Datamanager Box 2.0

SIMPLE VISUALISATION



1. FRONIUS SOLAR.WEB
If required, all data can be sent automatically to the Fronius Solar.web internet platform. Both real-time and archived data can be viewed and evaluated 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 tool enables various PV system values to be transmitted and displayed attractively and in a concise way in public spaces.

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.

More information about technical requirements can be found in the respective datasheet.

/ Only one Fronius Datamanager is required for photovoltaic systems consisting of multiple 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 only a single inverter.
/ Fronius Datamanager 2.0 is compatible with all Fronius inverters. The Fronius Datamanager is integrated into the Fronius Symo, Fronius Primo and Fronius Galvo inverters (Advanced models) as standard. Fronius Datamanager can be retrofitted into existing inverters whenever required. Different versions of the Fronius Datamanager are compatible with different types of inverters. Ensure that you are using the appropriate version for your inverters.

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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 3,700 employees worldwide, we shift the limits of what's possible - our record of over 800 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**

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