

FRONIUS MODBUS CARD

/ Easy integration of third-party components via Modbus RTU – SunSpec



/ With the Fronius Modbus Card, Fronius inverters can be easily integrated into third-party monitoring systems. PV system data is available in the standardized Modbus RTU – SunSpec protocol in order to be processed. Integration of the Fronius Modbus card is possible in both new and existing systems, and is easy to install. The Fronius Modbus card works with Fronius IG, Fronius IG Plus and Fronius CL inverters.

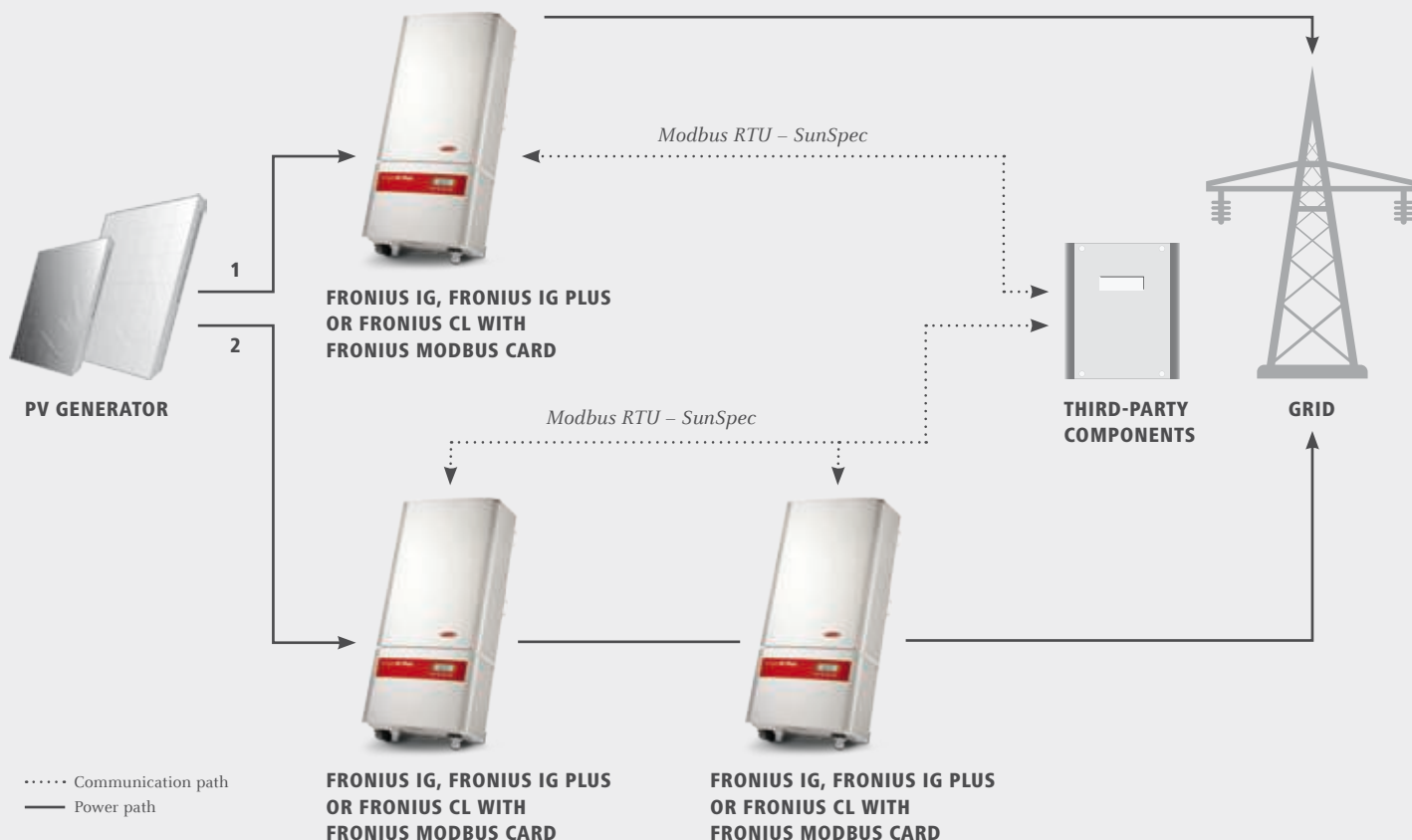
FRONIUS MODBUS CARD

TECHNICAL DATA		
Supply voltage	208 V / 240 V / 277 V (+10% / -15%) Power supply via AC from the Fronius inverter	
Power consumption	1.6 W	
Dimensions (length x width x height)	5.5 x 3.9 x 1.1 in. (140 x 101 x 28 mm)	
Interfaces	Port:	Description:
– Fronius Solar Net	RJ45	»IN«
– Fronius Solar Net	RJ45	»OUT«
– Modbus RTU	6-pin terminal	»C, TXD0, TXD1, RXD1, RXD0, V«
Connection options	Modbus RTU 2 or 4 wire	
LED Indicators		
– Power LED	Green	
– State LED	Red	
– Com LED	Yellow	

APPLICATIONS FOR THE FRONIUS MODBUS CARD

- / Third-party Dataloggers
- / Integration in data monitoring systems
- / Building management systems

CONFIGURATION DIAGRAM



1. PV SYSTEMS WITH ONE INVERTER

/ The Fronius Modbus Card can be installed easily in any Fronius IG, Fronius IG Plus or Fronius CL inverter. The Fronius Modbus Card communicates with third-party components via the Modbus RTU – SunSpec protocol.

2. PV SYSTEMS WITH MORE THAN ONE INVERTER

/ Systems using more than one inverter require one Fronius Modbus card per inverter. The Fronius Modbus Card communicates with third-party components via the Modbus RTU – SunSpec protocol.

/ 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 more than 3,000 employees worldwide, we shift the limits of what's possible - our 737 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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