

FRONIUS IG INTERFACE CARD EASY

The FRONIUS IG Interface Card *easy* has a **serial interface with an open data protocol**, that enables following data from one FRONIUS IG inverter to be downloaded and processed:



- current data
- day information
- total data
- year information (only in combination with a datalogger)

The Interface Card *easy* is not a LocalNet-component, therefore it **does not require a COMCard and datalogger**. The Interface Card *easy* offers following advantages:

- Integration of system data in other IT systems (building control, alarm systems, etc.)
- Data transfer to PC for other visualisation purposes (e.g. to include PV data on a homepage)
- Interface to other data logging systems (e.g. Fat Spaniel, etc.)

Power is supplied to the Interface Card *easy* via the AC side of the inverter. This ensures that power is supplied to this component 24 hours a day.

The Interface Card *easy* can be used for FRONIUS IG serial numbers 1715xxxx and higher.

TECHNICAL DATA

Supply voltage	230 / 240 V AC
Protection class	equal to the FRONIUS IG, in which the Card is installed
Dimensions	140 x 100 x 27 mm (l x w x h)
Connection area	RS 232-interface, 9-pole submini-socket
	Pin 2: RxD
	Pin 3: TxD
Adjustable baudrates	Pin 5: GND
	2400, 4800, 9600, 14400, 19200
Fronius Article-Numbers	Card integrated: 4,240,013
	Card retrofit: 4,240,013,Z



FRONIUS IG.*INTERFACE* – THE SOFTWARE

The software programme „FRONIUS IG.*interface*“ is the counterpart of the FRONIUS IG Interface Card *easy*. This programme has been created to support potential developers, who intend to design an own counterpart for subsequent processing of the PV system data.

You can find this software in the download-area of our website www.fronius-usa.com.

From this site you can also download a demo version of the software which has been developed for testing the communication between Interface component and PC.

For detailed information regarding the communication protocol please have a look at the operating manual, which you can find as well in the download-area, chapter “Operating manuals”, paragraph “System monitoring”.