



IG2000 Inverter



IG5100 Inverter



Personal Display

## Fronius

### IG Inverters

Fronius inverters are exceptionally light-weight and include precision MPPT tracking. An active, on-demand cooling system, results in superior energy output from the PV system. High frequency technology is compact and capable of transforming considerable power. Each inverter comes with built-in DC and AC disconnects and in many cases eliminates the need for external breakers reducing installation time and total system costs. With its lightweight and compact design, the Fronius IG can be easily lifted on or off of the mounting bracket. Fronius IG inverters include an integrated LCD to view and record over 20 parameters pertaining to inverter and system operation. Indoor/outdoor NEMA 3R rated enclosure, GFDI fuse standard. UL listed to UL 1741. All IG models carry a standard seven-year warranty with an option for an additional three years of coverage.

**Fronius IG DatCom** – Remote data communications and data logging features can easily be added to transform your Fronius IG inverter into a sophisticated data acquisition system and weather monitoring station. All data viewable on the IG inverter display and data from optional sensors can also be viewed on your PC. Data can be downloaded real time, or cumulative for the day, the year, or since installation. One Datalogger Box is required per DatCom system. The Datalogger coordinates data traffic and stores the data collected from all Fronius IG inverters and any sensors in your weather station. Connection to a PC or an external modem allows you to monitor your PV system from anywhere in the world. A communications card is required for each Fronius IG inverter in your DatCom system. This simply plugs into one of the available slots. The COM Card supplies power to the DatCom components.



Datalogger Box

**Fronius IG Sensor Box** – The Fronius IG Sensor Box allows you to collect even more information about your system. With 6 inputs, you can measure the array temperature, ambient temperature, irradiance, wind speed, building load, and/or numerous other types of data.

**Fronius Interface Box** – Optional DatCom System feature enabling a user to output data into an open protocol for a system of up to 100 Fronius IG inverters. This data can then be used by a third party source for different monitoring options (e.g. Fat Spaniel). This box does not replace the need for a Datalogger Box and enables a user to operate the DatCom System in its entirety including the use of the Fronius IG.online (free service allowing the user to monitor and analyze system performance). This interface offers real-time open protocol data without data storage and stores closed protocol data for use with Fronius IG.access.

**Fronius IG Personal Display** – The Fronius wireless Personal Display shows data from the inverter on a remote LCD that can be placed anywhere in the home or office. The range is approximately 150 ft. indoors or 450 ft. outdoors. It can be used with up to 15 Fronius IG inverters - each inverter requires a Wireless Card. The Personal Display operates independent of the DatCom data communication system and can be used in tandem with it.

Model	Efficiency CEC %	DC Input Voltage	Continuous Power Watts CEC	AC Output Volts	Dimensions in.	Weight lb.
IG 2000	93.5	150-450	2000	240	18.5 x 16.4 x 8.8	26
IG 2500 LV	93	150-450	2350	208	18.5 x 16.4 x 8.8	26
IG 3000	94	150-450	2700	240	18.5 x 16.4 x 8.8	26
IG 4000	94	270-500	4000	240	28.3 x 16.4 x 8.8	41
IG 4500 LV	93.5	270-500	4500	208	28.3 x 16.4 x 8.8	41
IG 5100	94.5	275-500	5100	240	28.3 x 16.4 x 8.8	41

### Accessories

All IG Inverter Models	10-year Extended Warranty
Datalogger Pro Box	Data storage & PC interface up to 100 IG inverters
Sensor Box Card	Supplies comprehensive measured results from various sensors allowing you to make comparisons
Datalogger Easy Box	Data storage & PC interface for 1 IG inverter
COM Card	Interface & power supply option card
Interface Box	Optional DatCom system
Personal Display	Supplies and stores various data
Wireless card	Required for each IG inverter when using a Personal Display