



IG 2000/2500/3000



IG 4000/4500/5100

## Fronius

### IG Solar Inverters

Fronius IG Solar Inverters are lightweight, allowing them to be sent via regular shipping services and can be easily lifted on and off the mounting bracket, saving time and money on shipping and installation. Integrated, UL-approved DC and AC disconnects reduce installation time and complexity, often eliminating the need for additional disconnects. A wide voltage range and plug-and-play expansion slots allow for multiple system configuration possibilities. The integrated LCD display comes standard with every Fronius IG and tracks more than 20 critical system performance parameters. The exclusive Module Manager™ keeps Fronius IG inverters at the maximum power point (MPP) with fast and accurate MPP tracking (MPPT) – up to 99.9%, ensuring that you get the most power out of each ray of sunlight. And the MIX™ Concept allows for maximum power harvest out of partial load ranges, such as cloudy days or shaded areas, through a unique combination of multiple power stages in each inverter. The power stages in FRONIUS inverters divide up the work depending on operating hours and only operate as many power stages as required to efficiently process available power from the PV array. UL listed. 10-year warranty.

Features include:

- IEEE1547 Compliant, FCC Complaint
- Integrated UL-1741 Approved DC/AC Disconnects
- Operation temperature range: -20°C, +50°C
- Maximum DC input voltage: 500 Vdc @ 14°F
- NEMA 3R outdoor powder-coated aluminum enclosure
- Optional 5-year warranty extension

Part #	Model	CEC Efficiency	MPP Voltage Range	Power (Watts)	AC Output (Volts)	Dimensions (l x w x h)	Weight
158001	IG 2000	93.5%	150 - 400	2000	240	18.5 x 16.5 x 8.8	26
158003	IG 2500-LV	93%	150 - 400	2350	208	18.5 x 16.5 x 8.8	26
158002	IG 3000	94%	150 - 400	2700	240	18.5 x 16.5 x 8.8	26
158008	IG 4000	94%	150 - 400	4000	240	28.4 x 16.5 x 8.8	42
158010	IG 4500-LV	93.5%	150 - 400	4500	208	28.4 x 16.5 x 8.8	42
158009	IG 5100	94.5%	150 - 400	5100	240	28.4 x 16.5 x 8.8	42



IG Plus 3.0 - 3.8 / 5.0 - 7.5 / 10.0 - 12.0-3 (l to r)

### IG Plus Solar Inverters

The IG Plus represents years of refinement of the existing Fronius IG series with a significant number of improvements including higher efficiency, improved power harvest, easier installation, six circuit built in string combiner and programmable output voltage of 208, 240, and 277 volts all with the same output power (applies to inverters up to 10kW only) and power output available to 12kW in a single inverter (3 phase). Additional features include anodized aluminum outdoor enclosure protection (Class IP44), a removeable power stage for easy installation, and the ability to extend the standard 10-year warranty to 15 years for a nominal investment. All IG Plus are 96% maximum efficiency, UL listed and have a maximum input voltage of 600 Vdc @ 14°F. Operational ambient temperature rating is -20°C to +50°C. Fuses for the string combiner are sold separately.

Part #	Model	MPP Voltage Range Vdc	Power (Watts)	# of Power Stages	# of Phases	Dimensions	Weight
158061	IG Plus 3.0-1 UNI	230 - 500	3000	1	1	10 x 17 x 25	55
158062	IG Plus 3.8-1 UNI	230 - 500	3800	1	1	10 x 17 x 25	55
158063	IG Plus 5.0-1 UNI	230 - 500	5000	2	1	10 x 17 x 38	84
158064	IG Plus 6.0-1 UNI	230 - 500	6000	2	1	10 x 17 x 38	84
158065	IG Plus 7.5-1 UNI	230 - 500	7500	2	1	10 x 17 x 38	84
158069	IG Plus 12.0-3 WYE277	230 - 500	12000	3	3	10 x 17 x 48	108
158068	IG Plus 11.4-3 Delta	230 - 500	11400	3	3	10 x 17 x 48	108
158066	IG Plus 10.0-1 UNI	230 - 500	10000	3	1	10 x 17 x 48	108
158067	IG Plus 11.4-1 UNI	230 - 500	11400	3	1	10 x 17 x 48	108