

Fronius IG inverter series IG 15 -IG 60

The Fronius IG series combines contemporary design with the technology of the future. The integrated display, a standard feature on all models in the series, provides access to all relevant system parameters. Data logging and communication with Fronius IG inverters is easy with a plug-and-play slot-in card system. Cards can be added to the IG inverters any time for a wide range of applications, e.g. for data transmission or remote monitoring.

A wide input voltage range and high efficiency make the Fronius IG series ideal for flexible system design. All Fronius IG inverters can be combined to achieve increased system outputs.



	IG 15	IG 20	IG 30	IG 40	IG 60
MPP voltage range (VMPP)	150–400 V	150–400 V	150–400 V	150–400 V	150–400 V
Max. DC voltage (VDCMAX)	500 V	500 V	500 V	500 V	500 V
Max. power (PDC)	1,630 W	2,170 W	2,880 W	4,460 W	5,430 W
Recommended max. PV output (PDCMAX)	2,000 Wp	2,700 Wp	3,600 Wp	5,500 Wp	6,700 Wp
Max. input current	10.8 A	14.3 A	19.0 A	29.4 A	35.8 A
Mains voltage (VAC)	230 V	230 V	230 V	230 V	230 V
Frequency (f)	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Nominal power (PAC)	1,300 W	1,800 W	2,500 W	3,500 W	4,600 W
Max. power (PAC)	1,500 W	2,000 W	2,650 W	4,100 W	5,000 W
THD (Power Factor=1)	< 3.5 %	< 3.5 %	< 3.5 %	< 3.5 %	< 3.5 %
Max. efficiency	94.2 %	94.3 %	94.3 %	94.3 %	94.3 %
Mechanical size (H x W x D, mm)	366 x 344 x 220	366 x 344 x 220	366 x 344 x 220	610 x 344 x 220	610 x 344 x 220
Weight	9 kg	9 kg	9 kg	9 kg	9 kg
Cooling	Regulated forced ventilation				
Temperature range	-20 to 50 °C				
Ingress protection	IP 21 (optionally IP 45)				
Warranty	5 years				
DC surge voltage protection	Integrated				
Nominal power (PAC)	Integrated				
Behaviour on DC overload	Shift the operating point				