



## TECHNICAL DATA FRONIUS IG

DC-input data	IG 15	IG 20	IG 30	IG 40	IG 60
MPP-voltage range			150 – 400 V		
Max. input voltage (at 1000 W/m <sup>2</sup> ; - 10 °C)			500 V		
PV-array output power (Wp)	1300 – 1850	1800-2500	2500-3500	3500-4800	4600-6100
Max. input current	10 A	13,6 A	18 A	26,5 A	33 A

AC-output data	IG 15	IG 20	IG 30	IG 40	IG 60
Rated output power (P <sub>nom</sub> )	1300 W	1800 W	2500 W	3500 W	4600 W
Max. output power	1400 W	1900 W	2600 W	3600 W	4600 W
Max. efficiency	94,0 %	94,5 %	94,5 %	94,5 %	94,5 %
Euro efficiency	92,7 %	93,0 %	93,0 %	93,2 %	93,5 %
Mains voltage / frequency	230 V / 50 Hz				
Total harmonic distortion	< 3,5 %				
Power factor	1				
Power consumption at night	0,03 W				

General Data	IG 15	IG 20	IG 30	IG 40	IG 60
Dimensions [l x w x h]	366 x 338 x 220 mm		629 x 338 x 220 mm		
Weight	9 kg		16 kg		
Cooling	intelligent forced ventilation				
Housing alternatives	designer housing for indoors; optional for outdoors				
Ambient temperature range	-20 ..... 50 °C				
Relative humidity range	0 ..... 100 %				

Protection	IG 15	IG 20	IG 30	IG 40	IG 60
DC isolation-measurement	Warning at RISO < 1 MOhm				
Inverse-polarity protection	integrated				
Reaction to DC-overload	Shift of operating point				

Remark: Technical data correspond to the actual standard of February 02. Right of alteration is reserved!