

## Fronius Outdoor IG15 and IG30 Inverters Technical Data



Fronius IG	15	20	30
<b>Input Data</b>			
MPP voltage range	150 - 400 V	150 - 400 V	150 - 400 V
Max. input voltage (at 1000 W/m <sup>2</sup> ; - 10° C)	500 V	500 V	500 V
PV system output	1300 - 2000 W <sub>p</sub>	1800 - 2700 W <sub>p</sub>	2500 - 3600 W <sub>p</sub>
Max. input current	10,8 A	14,3 A	19 A
<b>Output Data</b>			
Nominal output	1300 W	1800 W	2500 W
Max. power output	1500 W	2000 W	2650 W
Max. efficiency	94,2 %	94,3 %	94,3 %
Euro efficiency	91,4 %	92,3 %	92,7 %
Mains voltage / frequency	230 V / 50 Hz (60 Hz)		
Distortion factor	< 3,5 %		
Power factor	1		
Power consumption at night	0 W		
<b>General Data</b>			
Size l x w x h	366 x 344 x 220 mm (500 x 435 x 225 mm)		
Weight	9 kg (12 kg)		
Cooling	controlled forced-air cooling		
Protection class (housing)	IP 21 (IP 45)		
Ambient temperature range	- 20 ... 50° C		
Permissible humidity	0 ... 95 %		
<b>Protective Devices</b>			
DC insulation measurement	warning when Riso < 500 k Ohm		
Polarity reversal protection	built-in		
Behaviour on DC overload	displacement of operating		