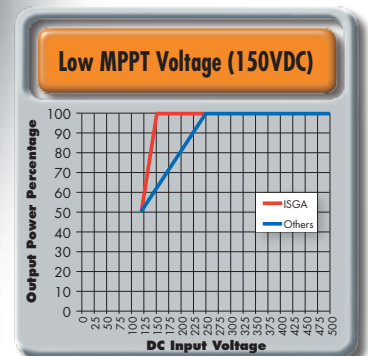
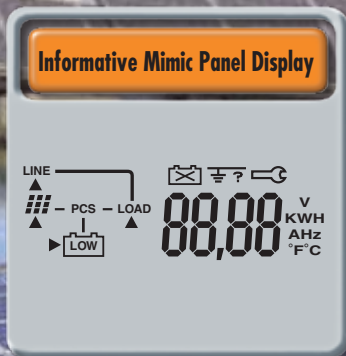


Grid-Tied Inverters

- Low MPPT Input Voltage
- One or Two MPPT Inputs
- High Efficiency Rating
- Transformerless Design
- Fanless Design
- Informative Mimic Panel Display
- Free Graphical User Interface Software
- RS232, RS485, Ethernet or USB Communications
- Quick Mount Installation Bracket
- UL1741, CSAC22.2, IEEE1547 and FCC
- Up to a 10 Year Warranty



	ISGA 122	ISGA 133	ISGA 142	ISGA 153
Input				
Input Voltage Range	150 - 450 VDC			
Maximum Input Voltage	500 VDC			
PV Start Voltage	120 VDC			
Max DC Current	14.6 A	22 A	14.6A	18.3A
Number of Strings	1		2	
Number of MPP Trackers	1		2	
Protections	Overvoltage, Ground Fault, Reverse Polarity, Surge (varistor)			
Output				
Continuous AC Power	2000 W	3000 W	4000 W	5000 W
Nominal Grid Voltage	240 VAC			
Voltage Range	211 - 264 VAC			
Nominal Frequency	60 Hz			
Frequency Range	59.3 - 60.5 Hz			
AC Current Range	8.3 A	12.5 A	16.67 A	20.8 A
AC Max. Current	9.2 A	13.75 A	19.13 A	23.91 A
Power Factor	> 0.99 at nominal current			
THD	< 3%			
Phase	Single / 3 wires (L1, N, L2)			
Maximum efficiency	96.4%	96.3%	96.2%	96.2%
CEC Efficiency	94.5%	95.0%	95.5%	95.5%
General				
Enclosure	NEMA 3R, outdoor			
Housing Material	Powder Coated Sheet Metal			
Communication	Standard: RS232; Optional: RS485, Ethernet, USB, Web Server			
Display	LED / LCD			
Ambient Temperature Range	-4° to +122°F (-25° to +50°C)			
Cooling	Convection			
Inverter Weight	61.6 lbs (28 kg)		78.4 lbs (35.5 kg)	
Dimensions (HxWxD)	17.9 x 25.0 x 6.7" (633.5 x 455 x 170 mm)		17.9 x 28.1 x 6.7" (713.5 x 455 x 170 mm)	
Standards	UL1741; IEEE 1547, IEEE 1547.1, CAN/CSA STD C22.2 No. 107.1, FCC Part 15, Class A & B			
Approvals	CE, cETLus			
Warranty	5 year warranty (optional extended warranty available for 10 years)			

Grid-Tied PV Inverter Flyer 12/2011

CARLO GAVAZZI

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