

FOR IMMEDIATE RELEASE:

Grid-Tied PV Inverters



December 9, 2011 - Buffalo Grove, IL - Carlo Gavazzi has launched its new range of **Grid-Tied PV Inverters**. The **ISGA Series** features a transformerless design, which does not incorporate or require a cooling fan. Naturally, cooling fans have moving components which ultimately will fail, therefore their exclusion in the design leads to a longer, maintenance-free product life span. This is merely one of the reasons why the PV inverters are available with a warranty of up to 10 years.

The **ISGA Series** are available in 2kW, 3kW, 4kW and 5kW output sizes with a 240VAC 60Hz single phase output or three inverters combined for up to 6 to 15kW, 240VAC delta 3-phase 60Hz output. The inverter has an output efficiency up to 96.4%, with CEC ratings up to 95.5%. The **ISGA Series** inverter has a remarkable input voltage range of 150 to 450VDC, allowing customers to realize a significant increase in AC production time. Some models also offer the ability to connect two individual MPP inputs - again, allowing for an increase in production time. The input is protected from overvoltage, ground faults, reverse polarity and surges.

The **ISGA Series** inverters feature a user friendly LCD display and are easily installed via a quick-mount bracket. The built-in combination AC/DC disconnect switch also allows for quick installation without the need for a separate externally mounted disconnect switch. They have an environmentally robust and durable powder coated metal housing, with a NEMA3R outdoor rating, and can operate from -4° to 122°F (-25° to +50°C). The inverters also come standard with an RS232 output. However, RS485, Ethernet, USB and Web Server capabilities are available as options.

The **ISGA Series** are CE marked and ETL approved to meet these standards: UL1741, IEE1547/IEE1547.1, CAN/CSA STD C22.2 No 107.1, FCC Part 15, Class A & B.

Questions regarding this press release should be directed to: info@carlogavazzi.com

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