

FOR IMMEDIATE RELEASE:

**Intuitive and Advanced
Compact Energy
Analyzers**



February 15, 2022 - Buffalo Grove, IL – CARLO GAVAZZI is pleased to announce the launch of our new **EM530 and EM540 Three Phase Energy Analyzers**. These compact analyzers are an exciting new addition to our well-established range of energy meters and power analyzers, which are targeted to assist manufacturers and end users in monitoring and managing escalating energy costs. The **EM530** is a Class 0.5S (kWh) analyzer which measures currents up to 10,000A via 5A current transformers, and the **EM540** is a Class 1 (kWh) analyzer which measures current up to 65A via direct connection, eliminating the need for current transformers. These 3-phase power analyzers can be used for two and three phase systems, as well as wild-leg systems. They can measure most relevant instantaneous electrical variables, energy consumption, and harmonic distortion.

Both **EM530 and EM540** feature high speed 100 ms serial data refresh rates, making them ideal for load balancing energy storage or EV charging applications. Fast commissioning is possible thanks to an intuitive wizard setup menu, along with instant notification of wiring errors and suggestions for correcting them.

The **EM530 and EM540** are ideal for many Building and Industrial Automation applications, including cost sharing, energy analysis for energy efficiency, power metering for PV energy storage, and indoor or temperature-controlled EV charging. Their compact size makes them a perfect fit for any panel.

The features of the **EM530 and EM540** include:

- Voltage inputs up to 415 VL-L AC, self-powered
- Current and voltage THD (up to 15th harmonic)
- Energy measurements (imported/exported): total kWh, kvarh, kVAh; partial kWh, kvarh, kVAh. Total kWh by phase.
- Run hour meters (both imported and exported energy: 8+2 DGT). Total operating time.
- Free downloadable configuration software
- EM530: Class 0.5S (kWh), class 2 (kvarh). Current inputs via 5A current transformers (max primary current 10,000A)
- EM540: Class 1 (kWh), class 2 (kvarh). Current inputs via direct connection up to 65A
- Programmable display and slide show function
- Digital output or RS485 Modbus
- cULus listed

The **EM530 and EM540 Energy Analyzers** are available from Carlo Gavazzi's network of sales offices and distributors in the Americas, or at www.GavazziOnline.com.

Questions regarding this press release should be directed to: Info@CarloGavazzi.com

CARLO GAVAZZI Inc., 750 Hastings Lane, Buffalo Grove, IL 60089
Phone: 847.465.6100 Fax: 800.222.2659 Email: Sales@CarloGavazzi.com

CARLO GAVAZZI (Canada) Inc., 2660 Meadowvale Blvd., Mississauga, ON L5N 6M6
Phone: 888.575.2275 Fax: 905.542.2248 Email: Gavazzi@CarloGavazzi.com

CARLO GAVAZZI Mexico S.A. de C.V., Circuito Puericultores 22, Ciudad Satelite, Naucalpan de Juarez, EDOMEX CP, 53100
Phone/Fax: 52.55.5373.7042 Email: MexicoSales@CarloGavazzi.com

CARLO GAVAZZI Automação Ltda., Av. Francisco Matarazzo, 1752 Conj 2018, 05001-200 São Paulo SP
Phone/Fax: 55.11.3052.0832 Email: Info@CarloGavazzi.net.br