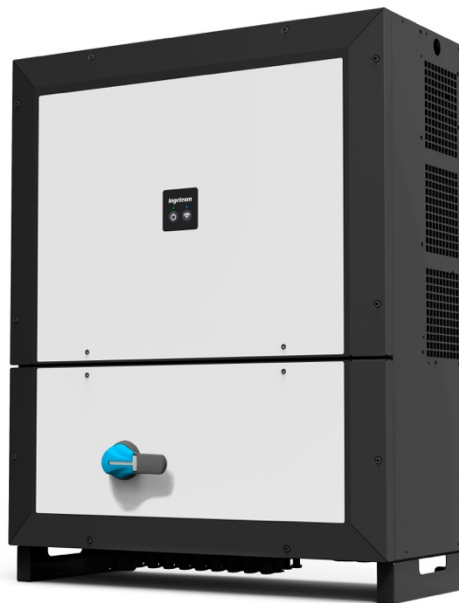


Ingeteam launches its new PV string inverter featuring 1500 Vdc technology



- **Series production has already started, with an order for 200 units for Brazil**

Pamplona, Spain. XX October, 2019. Ingeteam is finalizing the launch of its new INGECON® SUN 160TL photovoltaic string inverter, offering the possibility of achieving a power output of **160 kWAC in a single 75kg/165lbs unit**. This inverter, which has already been physically showcased at a number of national and international fairs, is now at the production stage thanks to an order for two hundred units for the Brazilian market.

This new three-phase inverter, featuring 1500 Vdc technology, is suitable for indoor and outdoor installation alike, and is primarily directed at multi-megawatt projects, in other words large-scale solar PV plants.

In addition to its high power density, the inverter's main features include its high maximum efficiency (99.1%), Wi-Fi and Ethernet and PLC (power line) communications supplied as standard, and advanced grid support functionalities, with low voltage ride-through and reactive power capability.

A further key advantage lies in its significant cost savings potential, given the fact that its high power density means that it is possible to drastically reduce the number of inverters to be installed and, therefore, the total amount of cabling. Furthermore, no connection boxes are required (either in DC or AC) and neither is a neutral cable necessary, thereby reducing the total AC cabling cost by up to 20%. All this leads to huge reductions in capital expenditures (CAPEX).

This inverter also offers lower operating costs, thanks to the Wi-Fi communication which is supplied as standard, making it possible to start-up, monitor and control the PV installation through either a mobile phone, tablet or laptop. Furthermore, its string inverter philosophy guarantees minimum potential maintenance requirements, with no need to vacuum the inverter interior or to check the state of the fuses, or the thermal magnetic breaker or torque.

The new Ingeteam inverter can be supplied in two different versions (STD and PRO) in order to adapt to customer needs and to the technical requirements of as many projects as possible.

This PV inverter is part of the INGECON® SUN 3Play family which has PV inverters installed in more than 15 countries and which, up to now, had power outputs of between 20 to 100 kW.

About the Ingeteam group

Ingeteam is an international group specializing in power and control electronics (inverters, frequency converters, controllers and protections) and electrical engineering and automation projects. Its range of products includes generators and electric motors, as well as Indar submersible pumps. It completes its products and systems portfolio with operation & maintenance services.

Ingeteam develops its products for the following sectors: wind, PV, hydro and fossil fuel power generation; metal processing industry; marine; rail traction; power grid, including substations, covering transmission and distribution, always striving to optimize power generation and consumption. The Group operates throughout the world, with permanent facilities in 22 countries, employing 3,900 persons. R&D is the backbone of its business activity, in which 5.5% of the company's turnover is invested annually.

For more information:

www.ingetteam.com

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