

Declaration of Conformity

Product Type: **Photovoltaic Three Phase Grid Tie Inverter**

Models: **Conext CL 20000E, Conext CL 25000E**

1. The above models of three-phase photovoltaic grid tie inverters were tested and comply with all technical requirements of Spanish regulations on connection of photovoltaic installations.

Specifically, they meet the requirements provided in **Royal Decree 1699/2011**, **Royal Decree 661/2007** and **Royal Decree 413/2014**, by employing techniques equivalent to galvanic isolation transformer.

-Automatic disconnection / reconnection of the inverter to the grid is done by an internal relay.

-The inverter will automatically disconnect from the grid if voltage is outside the range of $0.85U_n$ (1.5s) to $1.1U_n$ (1.5s) or $1.15U_n$ (0.2s) or the frequency is outside the range 48Hz (3s) to 50.5Hz (0.5s) for *Royal Decree 1699* or 48Hz (3s) to 51Hz (0.5s) for *Royal Decree 661 & Royal Decree 413*.

-The protection settings are located in password protected software that the user does not have access

-The inverter has passed test providing the automatic disconnection and reconnection under the required conditions

-The inverter has protection against islanding when tested as per IEC 62116: 2014 Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures

2. The DC current injected into the distribution network by the inverter is less than 0.5% RMS of rated output current.

This declaration is issued under the sole responsibility of the manufacturer.

Signed on: **2016-10-05**

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