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 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 0.85Un (1.5s) to 1.1Un (1.5s) or 1.15Un (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 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: 2016-07-14

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