Declaration of Conformity

Product Type: Photovoltaic Three Phase Grid Tie Inverter

Models: Conext CL 20000E, Conext CL 25000E

The above models were tested for following standards.

IEC/EN 62109-1: 2010
Safety of power converters for use in photovoltaic power systems – Part 1: General requirements

IEC/EN 62109-2: 2011
Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters

EN 50438: 2013
Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks

IEC/EN 61000-3-11: 2000
Electromagnetic compatibility (EMC) – Part 3-11: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems – Equipment with rated current ≤ 75 A and subject to conditional connection

IEC 62116: 2014
Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures

The following values according to EN 50438 with Sweden requirements were applied:

Under voltage limit: 195.5V, 0.2s
Over voltage limit (step 1): 264.5V, 0.2s
Over voltage limit (step 2): 255.3V, 60s
Lower frequency limit: 47.0Hz, 0.5s
Upper frequency limit: 51.0Hz, 0.5s

Signed on: 2016-07-14

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