

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 62116: 2014

Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures

The following values with Ireland requirement were applied:

Under voltage limit (stage 1): 35.0V, 0.5 s

Under voltage limit (stage 2): 191.0V, 3 s

Over voltage limit (stage 1): 258.0V, 0.7 s

Lower frequency limit (stage 1): 47.0Hz, 0.5 s

Lower frequency limit (stage 2): 47.5Hz, 20 s

Upper frequency limit (stage 1): 52.5Hz, 0.5 s

Upper frequency limit (stage 2): 52.0Hz, 20 s

Signed on: **2016-07-14**

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