

## 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  $\leq 75$  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:*

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

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

**Schneider Electric Solar Inverters USA, Inc., 250 S. Vasco Rd., Livermore, CA 94551**



**Xavier Datin  
Vice President  
Solar Residential**