



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 as specified in TNB Technical Guidebook on Grid interconnection of Photovoltaic Power Generation System to LV and MV Networks for Malaysia.

- IEC 61727: 2004** - **Photovoltaic systems-Characteristics of the utility interface**
- IEC 62116:2008** - **Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters**

The following values according IEC61727 and IEC62116 with Malaysia deviations were applied:

Under voltage limit (level 1): 195.5V, 2.0s
Under voltage limit (level 2): 115.0V, 0.1s
Over voltage limit (level1): 253.0V, 2.0s
Over voltage limit (level 2): 310.5V, 0.05s
Lower frequency limit: 49.5Hz, 0.2s
Upper frequency limit: 50.5Hz, 0.2s
Loss of mains detection limit: 2s

Signed on: **2014-12-15**

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