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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