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 with complying results.

- IEC 61727: 2004 - Photovoltaic systems-Characteristics of the utility interface
- IEC 62116:2008 - Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
- ER G59/3 - Engineering Recommendations for the connection of generating plant to the distribution systems of licensed distribution network operators

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

- Under voltage limit (level 1): 195.5V, 2s
- Under voltage limit (level 2): 115.0V, 0.1s
- Over voltage limit (level 1): 253.0V, 2s
- Over voltage limit (level 2): 310.5V, 0.5s
- Lower frequency limit: 49.0Hz, 0.2s
- Upper frequency limit: 51.0Hz, 0.2s
- Loss of mains detection limit: 2s

Signed on: 2015-01-16

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