



**BUREAU
VERITAS**

Certificate of compliance

Applicant: **Huawei Technologies Co., Ltd.**
Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District, Shenzhen, 518129
P.R.C

Product: **SOLAR INVERTER**

Model: **SUN2000-8KTL-M0, SUN2000-10KTL-M0,
SUN2000-12KTL-M0, SUN2000-15KTL-M0,
SUN2000-17KTL-M0, SUN2000-20KTL-M0,
SUN2000-8KTL-M2, SUN2000-10KTL-M2,
SUN2000-12KTL-M2, SUN2000-15KTL-M2,
SUN2000-17KTL-M2, SUN2000-20KTL-M2**

Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with EN 50438:2013, I.S. EN 50438:2013 for photovoltaic systems with a three-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverter.

Applied rules and standards:

EN 50438:2013, I.S. EN 50438:2013

Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks

DIN V VDE V 0126-1-1:2006-02 (Functional safety)

Automatic disconnection device between a generator and the public low-voltage grid

The following deviations for Ireland according to EN50438:2013 were applied:

Under voltage limit: 207V
Over voltage limit: 253V
Under frequency limit: 48,0Hz
Over frequency limit: 50,5Hz

The generators SUN2000-10KTL-M0, SUN2000-12KTL-M0, SUN2000-15KTL-M0, SUN2000-17KTL-M0, SUN2000-20KTL-M0, SUN2000-10KTL-M2, SUN2000-12KTL-M2, SUN2000-15KTL-M2, SUN2000-17KTL-M2, SUN2000-20KTL-M2 are rated >16A per phase. However all requirements of the EN 50438:2013 are fulfilled.

At the time of issue of this certificate the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

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Certification body



Holger Schaffer



Deutsche
Akkreditierungsstelle
D-ZE-12024-01-00

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN ISO/IEC 17065