



**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. China

Product: **Grid-tied photovoltaic (PV) inverter**

Model: **SUN2000-8KTL
SUN2000-10KTL**

Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with Engineering Recommendation G83/2 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. This serves as a replacement for the disconnection device with isolating function that can access the distribution network provider at any time.

Applied rules and standards:

Engineering Recommendation G83/2:2012

Recommendations for the Connection of Type Tested Small-scale Embedded Generators (Up to 16A per Phase) in Parallel with Low-Voltage Distribution Systems

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

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

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.

Report number: **12TH0607-G83/2_1**

Certificate number: **U14-0432**

Date of issue: **2014-08-08**

Certification body

Dieter Zitzmann



Deutsche
Akkreditierungsstelle
D-ZE-12024-01-01

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to EN 45011 - ISO / IEC Guide 65



Annex to the G83/2 certificate of compliance No. U14-0432

Appendix 4 Type Verification Test Report

Extract from test report according the Engineering Recommendation G83/2

Nr. 12TH0607

Type Approval and declaration of compliance with the requirements of Engineering Recommendation G83/2.

Manufacturer / applicant:	Huawei Technologies Co., Ltd. Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R. China	
SSEG Type	Grid-tied photovoltaic inverter	
Rated values	SUN2000-8KTL	SUN2000-10KTL
Maximum rated capacity	8800W	11000W
Rated voltage	400V, L1, L2, L3, N, PE	
Firmware version	V100R002	
Measurement period:	2014-07-01 to 2014-07-29	