



**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

Products: Photovoltaic (PV) inverter
Modelo: SUN2000-168KTL-H1, SUN2000-175KTL-H0,
SUN2000-185KTL-INH0, SUN2000-185KTL-H1

Model:

The previously listed inverters are three-phase and have an automatic disconnection / connection device controlled by software, in accordance with the regulations stated below. The end user will not have access to the adjustment software.

The direct current injection of the inverter to the distribution network is less than 0.5% of the nominal alternating current of the inverter under normal conditions. Its measurement was carried out as indicated in the "Note of interpretation of equivalence of the galvanic separation of the connection of low voltage generating facilities" of the Ministry of Industry, Tourism and Commerce.

Compliance with rules and regulations:

UNE 206007-1:2013 IN

Requirements for connection to the electricity network Part 1: Inverters for connection to the distribution network

UNE 206006:2011 IN

Island operation detection tests of multiple photovoltaic inverters connected to a parallel network

IEC 62109-2:2012 (4.8.2.1 Detection of the insulation resistance of the photovoltaic field for inverters for non-grounded arrays, 4.8.3.5.2 Test for the detection of excess continuous residual current, 4.8.3.5.3 Test for the detection of changes abrupt residual current)

Safety of the power converters used in photovoltaic power systems. Part 2: Particular requirements for inverters.

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

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

RD 1663:2000

Connection of photovoltaic installations to the low voltage network

RD 661:2007

Regulates for the activity of production of electrical energy in special regime

RD 1699:2011

Regulation for connection to the network of installations for the production of electrical energy with small power.

RD 413:2014

Regulation for the activity of production of electrical energy from renewable energy sources, cogeneration and waste

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: 19TH0145-UNE206007-1_0

Certificate number: U19-0106

Date of issue: 2019-01-30



Holger Schaffer

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

