

ATTESTATION of Conformity Certificate No.: 2488AP050068001 Product: Photovoltaic (PV) and battery inverter **Brand Name:** SUN2000-3K-LB0, SUN5000-3K-LB0, SUN2000-3.68K-LB0, SUN2000-4K-LB0, Test Model No.: SUN2000-4.6K-LB0, SUN2000-5K-LB0, SUN2000-6K-LB0, SUN5000-6K-LB0, SUN2000-8K-LC0, SUN2000-10K-LC0 **Applicant:** Huawei Digital Power Technologies Co., Ltd. Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C. PV2302WDG0077-1-R1 Report No.:

Inverter for single-phase parallel connection to the public grid. The network monitoring and disconnection device is an integral part of the above-mentioned model.

Applied rules and standards

EN 50549-1:2019

Requirements for parallel connection of installations with distribution networks - Part 1: Connection to an LV distribution network - Production of installations up to and including Type B

DIN VDE V 0124-100:2020 (5.5.2.1 Functional safety of network and system protection)

Grid integration of generator plants - Low-voltage - Test requirements for generator units to be connected to and operated in parallel with low-voltage distribution networks

Commission Regulation (EU) 2016/631 of 14 April 2016

Establishing a network code on requirements for grid connection of generators (NC RFG).

Type approval for generation units to use in Type A plants.

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.

Name: Daniel Yu Manager/ New Energy Date: 2024-05-21

This document shall not be reproduced, except in full, without the written approval of Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch. Information given in this document is related to the tested specimen of the described electrical sample.