

Manufacturers' Declaration

According to EN ISO/IEC 17050-1

1. Declaration number: **HW20210401MD01RFGEST**
HW | yyyy mm dd | MI/MD | version | reference document
2. Issuer information: **Huawei Technologies Co., Ltd.**
 Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
 Bantian , Longgang District, Shenzhen, 518129, PRC
3. Declaration Subject: **Solar inverter (PPM equipment/component)**

a. Brand:



b. Series:	SUN2000L	SUN2000MA	SUN2000	SUN2000HA
c. Models:	SUN2000L-2KTL SUN2000L-3KTL SUN2000L-3.68KTL SUN2000L-4KTL SUN2000L-5KTL SUN2000-2KTL-L1 SUN2000-3KTL-L1 SUN2000-3.68KTL-L1 SUN2000-4KTL-L1 SUN2000-5KTL-L1 SUN2000-6KTL-L1	SUN2000-3KTL-M0/M1 SUN2000-4KTL-M0/M1 SUN2000-5KTL-M0/M1 SUN2000-6KTL-M0/M1 SUN2000-8KTL-M0/M1 SUN2000-10KTL-M0/M2 SUN2000-12KTL-M0/M2 SUN2000-15KTL-M0/M2 SUN2000-17KTL-M0/M2 SUN2000-20KTL-M0/M2 SUN2000-30KTL-M3 SUN2000-36KTL-M3 SUN2000-40KTL-M3	SUN2000-33KTL-A SUN2000-36KTL SUN2000-50KTL-M0 SUN2000-60KTL-M0 SUN2000-100KTL-M1	SUN2000-100KTL-H1 SUN2000-105KTL-H1 SUN2000-185KTL-H1 SUN2000-215KTL-H0
d. Firmware version (or newer)	SUN2000L-2-5KTL, SUN2000-2-5KTL-L0: V100R001 SUN2000-2-6KTL-L1: V200R001	SUN2000-3-20KTL-M0, SUN2000-3-10KTL-M1, SUN2000-12-20KTL-M2, SUN2000-30-40KTL-M2: V100R001	SUN2000-33KTL-A, SUN2000-36KTL: V200R002C00SPC130 SUN2000-50KTL-M0, SUN2000-60KTL-M0: V300R001 SUN2000-100KTL-M1 : V500R001	SUN2000-100KTL-H1, SUN2000-105KTL-H1: V200R001 SUN2000-185KTL-H1, SUN2000-168KTL-H1, SUN2000-215KTL-H0: V300R001
e. Grid code settings (recommended)	EN50549	EN50549	EN50549-LV EN50549-MV400 EN50549-MV480	EN50549-MV800

4. Declaration scope:

The subject of the declaration shall comply with the requirements of the following documents, as specified for Type A and B Power Park Modules, as equipment and tested as power generating unit (PGU):

- a) Commission Regulation (EU) 2016/631 establishing a network code on requirements for grid connection of generators, (hereinafter NC RfG).
- b) **National provisions regarding the requirements for grid connection of generators established by Elering AS pursuant to Article 7(4) of Commission Regulation No 2016/631**
Approved with Competition Authority Resolution No 7-26/2018-005 of 8 November 2018
- c) EN50549(-1, -2):2019 European Standard

5. National deviation declaration:

National Provisions (4. b)	EN 50549 -1/-2 default test procedure
Regarding 13.1 (b) / EN 50549 -1/-2 (4.5.2) Rate of change of frequency (ROCOF) immunity, ROCOF = 2.5 Hz/s Measurement window – undefined.	Regarding 13.1 (b) / EN 50549 -1/-2 (4.5.2) Rate of change of frequency (ROCOF) immunity. ROCOF = 2.0 Hz/s (for PPM) Measurement window – 500ms (sliding)

We confirm that listed inverters will retain the ROCOF withstand capability within extended range of **2,5 Hz/s**

6. Supplementary certification (capability confirmation):**a. EN 50549 (-1/-2)**

In behalf of Huawei Technologies,
Date: 01.04.2021



Liang, Ye
Director of CEE&Nordic European Enterprise Digital Power Dept.