



**BUREAU
VERITAS**

Certificate of compliance

Applicant: NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road,
Daqi, Beilun, NingBo,
China

Product: Grid-connected hybrid inverter

Model: SUN-5K-SG04LP3-EU
SUN-6K-SG04LP3-EU
SUN-8K-SG04LP3-EU
SUN-10K-SG04LP3-EU
SUN-12K-SG04LP3-EU

Use in accordance with regulations:

Generating unit with automatic disconnection device with three-phase mains surveillance in accordance with "TOR Erzeuger Typ A" and "OVE-Richtlinie R25" for 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 stated inverter.

Applied rules and standards:

TOR Erzeuger Typ A:2019-12

Connection and parallel operation of power generation plants of type A and small generation plants

OVE-Richtlinie R25:2020-03

Test requirements for generating units (generators) intended for connection and parallel operation on low-voltage distribution networks

- 5.1 Checking the network perturbations
- 5.2 Checking the symmetry behaviour of three-phase inverters
- 5.3 Checking the behaviour of the generating unit on the network
- 5.4 Checking the automatic activation point
- 5.5 Checking the connection conditions and synchronization
- 5.6 Proof of robustness and dynamic network support

At the time of issue of this certificate, the representative product listed above corresponds to the stated rules and standards.

Report number: CDAN-ESH-P21110559

Certification Program:

NSOP-0032-DEU-ZE-V01

Certificate number: U22-0122

Date of issue:

2022-04-29

Certification body



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

Testing laboratory accredited according to DIN EN ISO/IEC 17025

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