



Certificate of compliance

Applicant: **SUNGROW POWER SUPPLY CO., LTD**
No. 1699 Xiyou Rd, New & High Technology Industrial Development Zone,
Hefei, 230088
Germany

Product: **Photovoltaic (PV) inverter**

Model: **SH10RT**
SH8.0RT
SH6.0RT
SH5.0RT

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 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.

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 safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

Report number: **SGR-ESH-P20120741**

Certification Program:

NSOP-0032-DEU-ZE-V01

Certificate number: **U21-0016**

Date of issue:

2021-01-15

Certification body

Thomas Lammel

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

A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH