



**BUREAU  
VERITAS**

# Certificate of compliance

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

**Product:** Hybrid 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 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:** SGR-ESH-P20120741-R1      **Certification Program:** NSOP-0032-DEU-ZE-V01  
**Certificate number:** U22-0106      **Date of issue:** 2022-03-04



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