

# TYPE CERTIFICATE

Certificate No.:  
TC-GCC-TR8-01703-1

Issued:  
2017-05-18

Valid until:  
2021-06-13

Issued for:

**SUN2000-33KTL-A, SUN2000-36KTL and  
SUN2000-42KTL**

Specified in Annex 2

Issued to:

**Huawei Technologies Co., Ltd.**

Bantian, Longgang District,  
Shenzhen 518129,  
P.R. China

According to:

**BDEW MR:2013-06 Technical Guideline: Generating Plants  
Connected to the Medium-Voltage Network**  
**FGW TG8:2016-03 Technical Guidelines for Power  
Generating Units and Farms**

Based on the documents:

CR-GCC-TR8-01703-A065-1 Certification report: Model Validation GCC, dated 2017-05-18  
CR-GCC-TR8-01703-A066-1 Certification report: Low Voltage Ride-Through, dated 2017-05-18  
CR-GCC-TR8-01703-A067-1 Certification report: Control behavior and other Grid Code Requirements,  
dated 2017-05-18

We confirm that the generating units fulfil the requirements of the BDEW medium voltage guideline and the complementary documents stated in Annex 1, provided the conditions of Annex 1 are considered at project level. The simulation model is described in Annex 3 and the results of the type tests of the generating unit are summarised in Annex 4.

Changes of the system design, software or the manufacturer's quality system are to be approved by DNV GL.

Hamburg, 2017-05-18

For DNV GL Renewables Certification

Hamburg, 2017-05-18

For DNV GL Renewables Certification

*for*   
**Christer Eriksson**  
Service Line Leader Type Certification



By DAkks according DIN EN IEC/ISO 17065  
accredited Certification Body for products. The  
accreditation is valid for the fields of certification  
listed in the certificate.

  
**Mirco Scholz**  
Project Manager