



**BUREAU  
VERITAS**

# Certificate of compliance

**Applicant:** **AFORE NEW ENERGY TECHNOLOGY (SHANGHAI) Co., Ltd.**  
1st & 2nd Floor, B Building, Business Building, No. 2 Building,  
No. 1588, Lianhang Road, Minhang District, Shanghai  
China

**Product:** **Grid-tied photovoltaic (PV) inverter**

**Model:** **BNT010KTL  
BNT015KTL  
BNT020KTL**

## Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with IEEE1547:2003 and IEEE1547.1:2005 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. This serves as a replacement for the disconnection device with insulating function, which the distribution network provider can access at any time.

## Applied rules and standards:

### IEEE Std 1547: 2003

IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems

### IEEE Std 1547.1: 2005

IEEE Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems

### UL1741 2<sup>nd</sup> Edition: 2010

Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the valid safety specifications for the specified use in accordance with regulations.

**Report number:** **AFR-18MA0537FCSHP-1  
AFR-18MA0537FCSHP-2**

**Certificate number:** **U18-0583**

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## Certification body



Holger Schaffer

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