



**BUREAU
VERITAS**

Certificate of compliance

Applicant: GoodWe Technologies Co., Ltd.
No.90 ZiJin Rd., New District,
Suzhou, 215011
China

Product: Photovoltaic inverter

Model: GW4K-DT, GW5K-DT
GW6K-DT, GW8K-DT
GW10KT-DT, GW4000-SDT-20
GW5000-SDT-20, GW6000-SDT-20

Use in accordance with regulations:

The inverters are tested according to grid protection, specified environmental influences and efficiency. For detailed information, please watch the corresponding test reports.

Applied rules and standards:

IEC 61727:2004 Characteristics of the utility interface
IEC 62116:2014 Islanding prevention measures for utility-interconnected photovoltaic inverters.
IEC 60068-2-1:2007 Environmental testing – Part 2-1: Tests – Test A: Cold
IEC 60068-2-2:2007 Environmental testing – Part 2-2: Tests – Test B: Dry heat
IEC 60068-2-14:2009 Environmental testing – Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-30:2005 Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12h + 12 h cycle)
IEC 60068-2-64:2008 Environmental testing – Vibration, broadband random and guidance
IEC 61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
EN 50530:2010 Overall efficiency of grid connected photovoltaic inverters

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: ZEM-19JA0771FCSHP-1-R1
ZEM-19JA0771FCSHP-2-R1
ZEM-19JA0771FCSHP-3-R1
ZEM-19JA0771FCSHP-4-R1
ZEM-19JA0771FCSHP-5-R1
Certification scheme: NSOP-0032-DEU-ZE-V01

Certificate number: U22-0121 **Date of issue:** 2022-03-25

Certification body



Thomas Lammel

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

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