



**BUREAU
VERITAS**

Certificate of compliance

Applicant: Omnik New Energy Co., Ltd.
Xinghu Road No.218 bioBAY Park A4-314
215123 Suzhou
China

Product: Photovoltaic inverter

Model: Omniksol-5k-TL2 Omniksol-2.5k-TL2-S
Omniksol-4k-TL2 Omniksol-2k-TL2
Omniksol-3k-TL2 Omniksol-1.5k-TL2
Omniksol-3k-TL2-S Omniksol-1k-TL2

Use in accordance with regulations:

The inverters are tested for functional safety, grid protection, specified environmental influences and efficiency. For detailed information, please see the corresponding test reports.

Applied rules and standards:

IEC 61727:2004 Characteristics of the utility interface
IEC 62116:2008 Islanding prevention measures for utility-interconnected photovoltaic inverters.
IEC 62109-1:2010 Safety of power converters for use in photovoltaic power systems
Part 1: General requirements
IEC 62109-2:2011 Safety of power converters for use in photovoltaic power systems
Part 2: Particular requirements for inverters.
IEC 61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring
efficiency
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 + 12h cycle)

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: OMK-14AU2028FTSP-IEC61727
OMK-14AU2028FTSP-IEC62116
OMK-14MA2225FTSP-IEC62109-1
OMK-14MA2226FTSP-IEC62109-2
OMK-14AU2030FTSP-IEC61683
OMK-14AU2029FTSP-Environment

Certificate number: U14-0537

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Certification body

Dieter Zitzmann

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to EN 45011 - ISO / IEC Guide 65