



**BUREAU
VERITAS**

Attestation of Conformity

Attestation No.: 1788AP0727N048002
Equipment: PV inverter
Brand Name: **zeversolar**
Test Model No.: Evershine TLC8000, Evershine TLC10000
Applicant: SMA New Energy Technology (Jiangsu) Co., Ltd
No. 198 Xiangyang Road, Suzhou 215011, China
Report No.: PV170727N048-3, PV170727N048-4, PV170727N048-5,
PV170727N048-7, WT176002385

Use in accordance with regulations:

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

Applied rules and standards

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 60068-2-6:2007	Environmental testing – Part 2-6: Tests – Test Fc: Vibration (sinusoidal)
IEC 60068-2-14:2009	Environmental testing – Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-27:2008	Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock
IEC 60068-2-30:2005	Environmental testing – Part 2-30: Tests – Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)
IEC 60068-2-64:2008	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance
IEC 60068-2-75:2014	Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests
IEC 60068-2-78:2012	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state
EN 50530:2010	Overall efficiency of grid connected photovoltaic inverters
IEC 61683:1999	Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
IEC 61727:2004	Characteristics of the utility interface
IEC 62116:2014	Islanding prevention measures for utility-interconnected photovoltaic inverters

Name: Ted Wu
Senior Manager/ PV Inverter Team
Date: 2017-09-29

This document shall not be reproduced, except in full, without the written approval of Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch.
Information given in this document is related to the tested specimen of the described electrical sample.