Certificate of compliance

Applicant:	**SMA Solar Technology AG** Sonnenallee 1 34266 Niestetal **Germany**
Product:	**Photovoltaic inverter**
Model:	**SB 3000TL-21; SB 3600TL-21; SB 4000TL-21; SB 5000TL-21; SB 6000TL-21; SB 2500TLST-21; SB 3000TLST-21**

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 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
IEC 62109-2:2011	Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for 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 60068-2-6:1995	Environmental testing - Part 2 Vibration (sinusoidal)
IEC 60068-2-14:2009	Environmental testing – Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-27:2009	Shock
IEC 60068-2-30:2005	Damp heat, cyclic (12h+12h cycle)
IEC 60068-2-75: 1997	Hammer tests (IEC 62262:2002 – IK code)
IEC 60068-2-78:2001	Test cab: Damp heat, steady state
IEC 61683:1999	Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

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.

Project number:	**11TH0290-India**
Certificate number:	**U14-0071**
Date of issue:	**2014-02-11**

Certification body

Dieter Zitzmann

QUALITY   HEALTH   SAFETY   ENVIRONMENT   SOCIAL ACCOUNTABILITY