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## Certificate of compliance

**Applicant:** SMA Solar Technology AG  
Sonnenallee 1  
34266 Niestetal  
Germany

**Product:** Solar Inverter

**Model:** STP 15000TLEE-10, STP 20000TLEE-10,  
STP 15000TLHE-10, STP 20000TLHE-10

**Use in accordance with regulations:**

The inverters are tested for functional safety, grid protection, specified environmental influences and efficiency.

**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 60068-2-6:1995-03 – Environmental testing - Part 2 Vibration (sinusoidal)  
IEC 60068-2-21:2006 – Robustness of terminations and integral mounting devices  
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 60068-2-78:2001-08 – Test cab: Damp heat, steady state  
IEC 61683:2000 – Photovoltaic systems – Power conditioners

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:** 10TH0052-India  
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Achim Hänchen