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Certification body of BV CPS GmbH
Accredited according to EN 45011 -
ISO / IEC Guide 65

Certificate of compliance

Applicant: SMA
Sonnenallee 1
34266 Niestetal
Germany

Product: Solar Inverter

Model: STP 8000TL-10, STP 10000TL-10, STP 12000TL-10,
STP 15000TL-10, STP 15000TLEE-10, STP 17000TL-10,
STP 20000TLEE-10

Use in accordance with regulations:

The inverters are tested for specified environmental influences and efficiency. For detailed information, please see the corresponding test report.

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 60068-2-6:1995 Environmental testing - Part 2-6 Vibration (sinusoidal)
IEC 60068-2-14:2009 Environmental testing – Part 2-14: Tests – Test N: Change of temperature
IEC 60068-2-21:2006 Environmental testing – Part 2-21: Tests – Test U: Robustness of terminations and integral mounting devices
IEC 60068-2-27:2009 Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock
IEC 60068-2-30:2005 Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12h + 12 h cycle)
IEC 60068-2-75:1997 Environmental testing – Part 2: Tests; test Eh: Hammer tests (IEC 62262:2002 – IK code)
IEC 60068-2-78:2001 Environmental testing – Part 2-78: Tests; Test Cab: Damp heat, steady state
IEC 61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the valid safety specifications for the specified use in accordance with regulations.

Report number: 10TH0052-IEC60068_IEC61683
Certificate number: U13-0267
Date of issue: 2013-04-25 **Valid until:** 2016-04-24

Ingo Röhr