## CERTIFICATE OF COMPLIANCE

Certificate Number 20171214-E210376

Report Reference E210376-20171214

Issue Date 2017-DECEMBER-14

Issued to: SMA Solar Technology AG

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34266 Niestetal GERMANY

This is to certify that representative samples of

STATIC INVERTERS, CONVERTERS AND

ACCESSORIES FOR USE IN INDEPENDENT POWER

**SYSTEMS** 

SMA Solar Technology AG Models:

SBS3.8-US-10, SBS5.0-US-10 and SBS6.0-US-10

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1741 - Inverters, Converters, Controllers and

Interconnection System Equipment for Use With Distributed

**Energy Resources** 

CAN/CSA C22.2 No. 107.1-1 - Power Conversion

Equipment

ANSI/UL 1998 - Software in Programmable Components

Additional Information: See the UL Online Certifications Directory at

www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: May be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Bamely

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <a href="http://ul.com/aboutul/locations/">http://ul.com/aboutul/locations/</a>



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Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Permanently-connected, Grid Support Utility Interactive inverters.

This description covers the SMA Solar Technology AG Model: SBS3.8-US-10, SBS5.0-US-10 and SBS6.0-US-10 inverters.

The Certificate is valid for the HP-Version 1.00.04.R.

USL - Evaluated to the requirements of the Standard for Safety for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, UL 1741, Second Edition, dated September 7, 2016. Including the Certification Requirement Decision dated April 26, 2010, for the evaluation of transformerless / non-Isolated EPS interactive PV inverters with PV array inputs in compliance with article 690.35 of the NEC. Additionally evaluated to the requirements of the Standard for Safety for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, UL 1741SA, Second Edition, dated September 7, 2016, using the Source Requirement Documents of California Public Utilities Commission Rule 21 for grid support utility interactive inverters: the Generating Facility Interconnections of PG&E (Pacific Gas and Electric Company, Cal. P.U.C. Sheet No. 36812-E), SCE (Southern California Edison, Cal. PUC Sheet No. 60550-E) and SDG&E (San Diego Gas & Electric Company, Cal. P.U.C. Sheet No. 28143-E) and HECO SRD-UL-1741-SA-V1.1, 2017-09-22.

CNL - Additionally evaluated to CAN/CSA C22.2 No. 107.1-1, "General Use Power Supplies." September 2001, Reaffirmed 2011



Bruce Mahrenholz, Director North American Certification Program

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