

CERTIFICATE OF COMPLIANCE

Certificate Number 2019-03-13-E210376
Report Reference E210376-2019-03-13
Issue Date 2019-03-13

Issued to: SMA Solar Technology AG
Sonnallee 1
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:
SB3.0-1SP-US-41, SB3.0-1TP-US-41, SB3.8-1SP-US-41,
SB3.8-1TP-US-41, SB5.0-1SP-US-41, SB5.0-1TP-US-
41, SB6.0-1SP-US-41, SB6.0-1TP-US-41, SB7.0-1SP-US-
41, SB7.0-1TP-US-41, SB7.7-1SP-US-41 and SB7.7-1TP-
US-41.

Integral Type 1 Photovoltaic DC Arc-Fault Circuit Interrupter
Protection for model inverters as noted above.

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
UL 1699B, Standard for Photovoltaic (PV) DC Arc-Fault
Circuit Protection
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



Bruce Mahrenholz, Director North American Certification Program

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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.

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: SB3.0-1SP-US-41, SB3.0-1TP-US-41, SB3.8-1SP-US-41, SB3.8-1TP-US-41, SB5.0-1SP-US-41, SB5.0-1TP-US-41, SB6.0-1SP-US-41, SB6.0-1TP-US-41, SB7.0-1SP-US-41, SB7.0-1TP-US-41, SB7.7-1SP-US-41 and SB7.7-1TP-US-41 inverters.

The Certificate is valid for the HP-Version V2.04.15.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 February 15th, 2018. 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, February 15th 2018, 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.

UL 1699B, Standard for Photovoltaic (PV) DC Arc-Fault Circuit Protection, First Edition, August 22, 2018



Bruce Mahrenholz, Director North American Certification Program

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



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