

CERTIFICATE OF COMPLIANCE

Certificate Number 20181127-E210376
Report Reference E210376-20181108
Issue Date 2018-November-27

Issued to: SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal GERMANY

**This is to certify that
representative samples of**

STATIC INVERTERS, CONVERTERS AND
ACCESSORIES FOR USE IN INDEPENDENT POWER
SYSTEMS - Permanently-connected, utility Interactive, 3-
phase inverter.

SMA Solar Technology AG Models STP 33-US-41, STP 50-
US-41, STP 62-US-41 inverter, which is intended for DC
input from photovoltaic modules.

Integral Type 1 Photovoltaic DC Arc-Fault Circuit Interrupter
Protection for STP 33-US-41, STP 50-US-41, STP 62-US-
41 model inverter.

Listed Accessory for use with inverter model STP 33-US-
41, STP 50-US-41, STP 62-US-41: Universal Mounting
System UMS-KIT-10

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: See addendum page for standards.

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.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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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.

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

Standards for Safety:

UL 62109-1 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements

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 January 28, 2010, with revisions through February 15, 2018. Including the requirements in UL 1741 Supplement A, sections as noted in the Technical considerations.

IEEE 1547, IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems.

IEEE 1547.1, IEEE Standard for Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems.

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

CSA C22.2 NO. 107.1-16 POWER CONVERSION EQUIPMENT- Edition 4 - Issue Date 2016/06/01

This description covers the SMA Solar Technology AG Models STP 33-US-41, STP 50-US-41, STP 62-US-41 inverters.

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,

CNL - Additionally evaluated to the requirements of the Standard for Safety of Power Conversion Equipment, CSA C22.2 NO. 107.1-16 .



Bruce Mahrenholz, Director North American Certification Program

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