



**BUREAU  
VERITAS**

# Certificate of compliance

with the requirements of the standard Dubai Electricity & Water Authority

**CERTIFICATION ORGANIZATION:** Bureau Veritas Consumer Products Services Germany GmbH  
Accreditation to DAkkS, D-ZE-12024-01-00, ref. to DIN EN ISO/IEC 17065  
Valid Certification accreditation Data: 15-October-2020

**STANDARD / GUIDE:** **Dubai Electricity & Water Authority**  
Standards for distributed renewable resources generators connected to the distribution network  
Version 2.0 March 2016.  
Appendix D.3 Inverters for Low voltage connected RRGUs  
Appendix D.4 Inverters for Medium voltage connected RRGUs  
**IEC 62116:2014**  
Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters  
**IEC 62109-1:2010**  
Safety of power converters for use in photovoltaic power systems - Part 1: General requirements  
**IEC 62109-2:2011**  
Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

**TYPE OF SYSTEM DECLARED:**

INTERFACE DEVICE	PROTECION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE
		X	

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

PRODUCT TYPE:	Photovoltaic Inverter		
<b>MODEL:</b>	STP 15000TL-30	STP 20000TL-30	STP 25000TL-30
<b>NOMINAL POWER:</b>	15,0kW	20,0kW	25,0kW

**FIRMWARE VERSION:** 02.83

**PHASE NUMBER:** Three-phase

**NOTE:**

The device is able to limit the  $I_{dc}$  to 0.5% of the nominal current.

The device is for plants of each power.

The inverters of SMA Solar Technology AG have a maximum apparent power limit. In the case where a system should be able to reach in every working condition a determined power factor, it is necessary to set the maximum active power in such a way, that you can reach at any time the  $\cos\phi$  wanted.

**LABORATORY THAT HAS DONE THE TESTING:**

**Bureau Veritas Consumer Products Services Germany GmbH**  
Accreditation to DAkkS, D-PL-12024-03-03, ref. to DIN EN ISO/IEC 17025  
Valid Laboratory Accreditation Data: 11-JUNE-2019

After reviewing the ISO 9001 Manufacturer's No. 08 100 971814, issued by TÜV NORD CERT GmbH, the test-reports with No. 14TH0304-DEWA2016\_0, 14TH0304-IEC61727\_1 issued by the laboratory Bureau Veritas Consumer Products Services Germany GmbH and the test-reports with No. 21260180\_00, 21260180\_002 issued by laboratory TÜV Rheinland LGA Products GmbH, the listed products are conform with the requirements according to Dubai Electricity & Water Authority "Standards for distributed renewable resources generators connected to the distribution network" Version 2.0 March 2016, Appendix D.3 Inverters for Low voltage connected RRGUs, Appendix D.4 Inverters for Medium voltage connected RRGUs, IEC 62116:2014, IEC 62109-1:2010 and IEC 62109-2:2011.

**Certificate number:** U17-0136

**Data of issue:** 2017-03-31

**Certification body**



Holger Schaffer

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