



**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.1 Interface Protection System for Low Voltage connected RRGUs
Appendix D.3 Inverters for Low voltage connected RRGUs
IEC 62116:2014
Utility-interconnected photovoltaic inverters - Test procedure of islanding prevention measures
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 DECLEARED:

INTERFACE DEVICE	PROTECTION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE
X	X	X	

MANUFACTURER: SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

PRODUCT TYPE:	Photovoltaic Inverter				
MODEL:	SB3.0-1AV-41	SB3.6-1AV-41	SB4.0-1AV-41	SB5.0-1AV-41	SB6.0-1AV-41
NOMINAL POWER:	3kW	3,68kW	4kW	5kW	6kW

FIRMWARE VERSION: V01.01.13.R or above

PHASE NUMBER: Single-phase

NOTE:

The device is able to limit the Idc to 0.5% of the nominal current.

The device is for systems up to 10kW and above.

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 needed.

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

After reviewing the ISO 9001 Manufacturer's No. 05316Q30566R1M, issued by the NGV Certification Centre, the test-reports with No. 16TH0348-DEWA2016_D1-D3_0 issued by the laboratory Bureau Veritas Consumer Products Services Germany GmbH and the test-reports with No. 64.290.18.04978.01 part 1 and part 2 issued by laboratory TÜV SÜD Certification and Testing (China) co., Ltd., 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: U19-0194

Data of issue: 2019-05-03

Certification body

Holger Schaffer

Certification body Bureau Veritas Consumer Products Services Germany GmbH
Accreditation to DIN EN ISO/IEC 17065