SMA Solar Technology AG | Sonnenallee 1 | 34266 Niestetal | Germany
Phone: +49 561 9522-0 | Fax: +49 561 9522-100 | Internet: www.SMA.de | E-Mail: info@SMA.de
Amtsgericht (District court) Kassel HRB (registration number) 3972
Vorsitzender des Aufsichtsrats (Chairman of the Supervisory Board): Uwe Kleinkauf
Vorstand (Managing Board): Ulrich Hadding, Dr.-Ing. Jürgen Reinert

Dichiarazione di conformità

1. Tipologia di apparecchiatura cui si riferisce la dichiarazione			
Costruttore	SMA Solar Technology AG		
Tipo apparecchiatura	Dispositivo di interfaccia	Protezione di interfaccia	Dispositivo di conversione statica
	-	-	X
Modello	SHP 100-20	SHP 150-20	
Versione FW	3.11 e superiore	3.11 e superiore	
Numero fasi	trifase		
Potenza nominale	100 kVA	150 kVA	
Numero di certificato	U20-0546		
Nota	Il firmware del presente certificato può essere usato in impianti in MT di qualunque potenza.		

2. Riferimenti dei laboratori che hanno eseguito le prove e dei relativi fascicoli di prova	
Fascicoli di prova n.	18TH0282-CEO 0-16_0
Emesso da	Bureau Veritas Consumer Products Services Germany GmbH
Accreditamento	Accreditamento a DAkkS, D-ZE-12024-01-00, fare rif. a DIN EN ISO/IEC 17065

3. Dichiarazione di conformità ai requisiti della CEI 0-16

Con la presente dichiarazione, redatta ai sensi dell'articolo 47 del DPR 28 dicembre 2000, n° 445, il sottoscritto Sven Bremicker, persona autorizzata ai sensi del §§ 54 segg. HGB della società SMA Solar Technology AG, con sede in Sonnenallee 1, Niestetal, Hessen, Germania,

DICHIARA

che i prodotti di propria costruzione indicati al punto 1 sono conformi alle prescrizioni contenute nella Norma CEI 0-16:2019-04.

Attesta altresì che la produzione dei dispositivi avviene in regime di qualità (secondo ISO 9001, ed. 2000 e relative modifiche e aggiunte).

Niestetal, 04/09/2020

SMA Solar Technology AG

i.V. Sven Bremicker

i.V. Sven Bremicker
Head of Technology Development Center

/bk

- UR-Nr. **758** für 2020 -B

I hereby certify, that the above is the true signature, subscribed in my presence, of

Mr. Sven Bremicker, born on 2th of February 1975
business address Sonnenallee 1, 34266 Niestetal,
identified hisself by submission of his valid German ID-Card

acting on behalf of SMA Solar Technology AG, D-34266 Niestetal Sonnenallee 1
under the document ZE_CEI016_SHP150_it_11/1.

I asked Mr. Bremicker whether I or any member of my firm had acted in the matter which is the subject of this instrument, except in a notarial capacity. He replied in the negative. I am able to state as well that I have not been involved in the matter before.

Kassel, 16. September 2020

MARCUS BAUM
NOTAR IN KASSEL

Marcus Baum
Notary

CERTIFICATE

Management system as per
DIN EN ISO 9001 : 2015

In accordance with TÜV NORD CERT procedures, it is hereby certified that

SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

applies a management system in line with the above standard for the following scope

The realization of tasks as well as the production and the distribution of products in the areas of Common Measurement and Close Loop Control Technology, the Microprocessor Technology, the power electronics, the electrical energy power supply as well as the Data System Technology, in particular, in the area of photovoltaic industry. All these activities involve consulting, development, sales and production of software and hardware.

Certificate Registration No. 08 100 971814
Audit Report No. 3522 5471

Valid from 2018-10-01
Valid until 2021-09-30
Initial certification 1997

Certification Body
at TÜV NORD CERT GmbH

Essen, 2018-08-24

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH Langemarckstraße 20 45141 Essen www.tuev-nord-cert.com

DAkkS
Deutsche
Akkreditierungsstelle
D-ZM-12007-01-01

Certificate of compliance

with the requirements of the standard CEI 0-16

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

STANDARD / GUIDE:
CEI 0-16: 2012-06
CEI 0-16; V1: 2012-12 Edition December 2012
CEI 0-16; V2: 2013-12 Edition December 2013
CEI 0-16: 2014-09
CEI 0-16; V1: 2014-12 Edition December 2014
CEI 0-16; V2: 2016-07 Edition July 2016
CEI 0-16; V3: 2017-07 Edition July 2017
CEI 0-16: 2019-04
Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution company.

TYPE OF SYSTEM DECLEARED:

INTERFACE DEVICE	PROTECTION INTERFACE	STATIC ELECTRONIC INVERTER	ROTATING GENERATION MACHINE
		X	

MANUFACTURER:
SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

PRODUCT TYPE:	**Photovoltaic Inverter**	
MODEL:	**SHP100-20**	**SHP150-20**
NOMINAL POWER:	**100kW**	**150kW**

FIRMWARE VERSION: **Beginning with 03.11.31.R**

PHASE NUMBER: **Three-phase**

NOTE:

3) The device is for plants of each power.
(10% power reduction for reactive power supply)
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

After verifying the ISO 9001 of the Manufacturer with No. 08100971814, issued by TÜV NORD and verifying the test reports according to CEI 0-16 with No. 18TH0282 issued by the laboratory Bureau Veritas Consumer Products Services Germany GmbH and verifying the EMC test report with No. -510:LE4518, issued laboratory SMA accredited by DAkkS (No.D-PL-12074-01-00), the listed product(s) are conform with the requirements according to CEI 0-16: 2019-04.

Certificate number: **U20-0546** **Certification Program:** **NSOP-0032-DEU-ZE-V01**

Data of issue: **2020-07-07**

Certification body

Thomas Lammel

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

A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH