



**BUREAU  
VERITAS**

# Certificate of compliance

**Applicant:** SMA Solar Technology AG  
Sonnenalle 1  
34266 Niestetal  
Germany

**Product:** Photovoltaic (PV) inverter

**Model:** SHP 100-21  
SHP 150-21  
SHP 172-21  
SHP 180-21

## Use in accordance with regulations:

Automatic disconnection device with three-phase mains surveillance in accordance with IEC 61727:2004 and IEC62116:2014 for photovoltaic systems with a three-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverters.

## Applied rules and standards:

**IEC 61727:2004**  
Photovoltaic (PV) systems – Characteristics of the utility interface

**IEC 62116:2014**  
Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

At the time of issue of this certificate the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

**Report number:** 18TH0282\_SHP 1xx-  
21\_IEC61727\_0

**Certification program:** NSOP-0032-DEU-ZE-V01

**Certificate number:** U22-0574

**Date of issue:** 2022-09-21

**Certification body**

Georg Lortz



*Certification body of Bureau Veritas Consumer Products Services Germany GmbH Accredited according to DIN EN ISO/IEC 17065*

*Testing laboratory accredited according to DIN EN ISO/IEC 17025*

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