



**BUREAU  
VERITAS**

# Certificate of compliance

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

**Product:** Photovoltaic (PV) inverter

**Model:** SB3.0-1AV-41  
SB3.6-1AV-41  
SB4.0-1AV-41  
SB5.0-1AV-41  
SB6.0-1AV-41

## Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with IEC 61727:2004 and IEC62116:2014 for photovoltaic systems with a single-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:** PV180906N088  
PV180906N088-1

**Certificate number:** U18-0649

**Date of issue:** 2018-12-06

**Certification body**



Holger Schaffer



Deutsche  
Akkreditierungsstelle  
D-ZE-12024-01-00

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