



**BUREAU  
VERITAS**

# Certificate of compliance

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

**Product:** Grid-tied photovoltaic inverter

**Model:** STP 25-50  
STP 20-50  
STP 15-50  
STP 12-50

Ratings:	STP 25-50	STP 20-50	STP 15-50	STP 12-50
MPP DC voltage range [V]:	430 – 800	340 – 800	257 – 800	206 – 800
Input DC voltage range [V]:	430 – 1000	340 – 1000	257 – 1000	206 – 1000
Input DC current [A]:	24	24	24	24
Output AC voltage [V]:	380 / 400 / 415	380 / 400 / 415	380 / 400 / 415	380 / 400 / 415
Output AC current [A]:	nom. 36,2 max. 36,6	nom. 29 max. 36,6	nom. 21,7 max. 36,6	nom. 17,4 max. 36,6
Output power [VA]:	25000	20000	15000	12000

The certificate refers to the stated model(s) which passed the tests according to the applicable standard(s):

IEC 62109-1:2010, EN 62109-1:2010, DIN EN 62109-1:2011

Safety of power converters for use in photovoltaic power systems – Part 1: General requirements

IEC 62109-2:2011, EN 62109-2:2011, DIN EN 62109-2:2012

Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

The safety concept of an aforementioned representative product corresponds at the time of issue of this certificate to the valid safety specifications for the specified use in accordance with the applied rules and standards.

**Report number:** 22TH0339-IEC62109-1\_0      **Certification Program:** NSOP-0032-DEU-ZE-V01  
22TH0339-IEC62109-2\_0

**Certificate number:** U22-0475      **Date of issue:** 2022-08-05

**Certification body**



Georg Lortz



Certification body 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 approval of Bureau Veritas Consumer Products Services Germany GmbH