



**BUREAU
VERITAS**

Certificate

Manufacturer / applicant: SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

Product type: Grid-tied photovoltaic inverter
Model: STP 50-40

Ratings:	STP 50-40
MPP DC voltage range [V]:	500 – 800
Input DC voltage range [V]:	Max. 1000
Input DC current [A]:	6 x 20
Output AC voltage [V]:	400 V 3 / N / PE @ 50 / 60 Hz
Output AC current [A]:	72,5
Output power [VA]:	50000

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

Report number: 17TH0199-IEC62109-1_0
17TH0199-IEC62109-2_0

Certificate number: U17-0542

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Certification body



Holger Schaffer

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

