



**BUREAU
VERITAS**

Certificate

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

Product type: Grid-tied photovoltaic inverter

Model: SB1.5-1VL-40
SB2.0-1VL-40
SB2.5-1VL-40

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: 14TH0397-IEC62109-1_3
14TH0397-IEC62109-2_2

Certificate number: U19-0020

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Certification body

Mr. Schaffer

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



Grid-tied photovoltaic inverter ratings

Ratings:	SB1.5-1VL-40	SB2.0-1VL-40	SB2.5-1VL-40
MPP DC voltage range [V]:	160 – 500	210 – 500	260 – 500
Input DC voltage range [V]:	100 – 600	100 – 600	100 – 600
Input DC current [A]:	10		
Output AC voltage [V]:	230 @ 50Hz / 60Hz (N,PE)		
Output AC current [A]:	7	9	11
Output power [VA]:	1500	2000	2500