



**BUREAU
VERITAS**

Certificate

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

Product type: Battery inverter
Model: SI4.4M-12
SI6.0H-12
SI8.0H-12

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

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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



Grid-tied photovoltaic inverter ratings

Ratings:	SI4.4M-12	SI6.0H-12	SI8.0H-12
AC voltage [V]:	230	230	230
Grid connected			
AC output current [A]:	14,5	20	26
AC output power [VA]:	3300	4600	6000
AC input current [A]:	50	50	50
AC input power [W]:	11500	11500	11500
Stand-alone			
AC output current [A]:	14,5	20	26
AC output power [W]:	3300	4600	6000
Battery			
DC voltage range [V]:	41 - 63	41 - 63	41 - 63
Max. DC charge current [A]:	75	110	140
Max. DC discharge current [A]:	75	103	130