



**BUREAU
VERITAS**

Certificate

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

Product type: Grid-tied and stand-alone battery storage inverter
Model: Sunny Boy Storage 3.7-10
Sunny Boy Storage 5.0-10
Sunny Boy Storage 6.0-10

Ratings:	Sunny Boy Storage 3.7-10	Sunny Boy Storage 5.0-10	Sunny Boy Storage 6.0-10
Input DC voltage range [V]:	100 – 550	100 – 550	100 – 550
Maximum DC voltage [V]:	600	600	600
Input DC current [A]:	30	30	30
Output AC voltage [V]:	172,5 – 264,5	172,5 – 264,5	172,5 – 264,5
Output AC current [A]:	16	21,7	26
Output power at 230Vac [VA]:	3680	5000	6000

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: 17TH0338-IEC62109-1_0
17TH0338-IEC62109-2_0

Certificate number: U18-0133

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