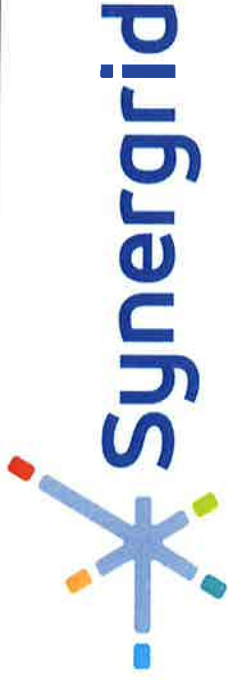


GLV 006-01

SBx.x-1VL-40
SBx.x-1AV-41
STPx.x-3AV-40
STPxx000TL-30
STP50-40
STP60-10
SHP75-10
SHP100-20_SHP150-20
SBS2.5-1VL-10
SBSx.x-10
Six.xM_H-13
STPS60-10

SMA



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C10/26 - DECLARATION OF CONFORMITY for power-generating units

GLV ed2.1.2 (12/2019)

for the application of annex D "Technical basic requirements regarding the power-generation units" of the Synergrid prescription C10/11 ed2.1 (01/09/2019)

The undersigned,	Manufacturer: Address:	SMA Solar Technology AG Sonnenallee1, D-34266 Niestetal	Represented by: Country: email: Telephone:	Sven Bremicker Germany Sven.Bremicker@sma.de +49 (0)561 9522-3335
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Hereby declares that each production unit completed in the list in tab 'list of power-generating units' of this homologation application complies with the following conditions:

1. The power-generating unit complies with the relevant requirements set out in annex D "Technical basic requirements regarding the power-generation units" of the Synergrid prescription C10/11 ed2.1 (01/09/2019).
2. In order to substantiate this, a separate technical file has been submitted at least for each separate product series of the 'C10/26 list of power-generating units' of this homologation application. Each technical file shall be drawn up on the basis of a checklist Annex D, duly and correctly completed by the manufacturer, accompanied by all the required proof of conformity.
 - 2.1 For technical requirements for which the required proof of conformity (column J in checklist annex D) is a declaration of honour by the manufacturer, the manufacturer declares by signing and dating this declaration of conformity the correctness of the information (conform / not conform / not applicable) provided by him or her in columns K, L and M of this checklist.
 - 2.2. For technical requirements for which the required proof of conformity (column J in checklist Annex D) is a test report or a certificate, the necessary test reports and/or certificates are available * in the technical file:
 - Certificates have been issued by an EN 45011 (or ISO 17065:2012) certification body accredited for these materials.
 - Test reports have been established by an ISO 17025:2005 or ISO 17065:2012 laboratory accredited for these tests.
 - 2.3 A list of the document references or the certificates of conformity referred to in the checklist Annex D is also available in the technical file.

Done at: Niestetal, Germany - SMA Solar Technology AG
On: 2020-02-18



i. V. Sven Bremicker
Head of Technology Development Center

Homologated by Synergrid on: 29/02/2020
Stamp Synergrid & signature:

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* **Transition period till 01/05/2020** (see exceptions in chapter 3 of C10/11 ed 2.1 (01/09/2019)):

If at the time of submission of this homologation application it is not yet possible to submit all the necessary certificates and/or test reports (exception 3), or that the units do not yet have all the required characteristics (exceptions 1 and 2), a **temporary homologation** may be granted. All necessary certificates and/or test reports must be in the possession of Synergrid at the latest on 30/04/2020 in order to obtain a final homologation. If this is not the case, the temporary C10/26 homologation will be withdrawn.

POWER-GENERATING UNITS TO BE HOMOLOGATED FOR LIST C10/26 ACCORDING TO THE REQUIREMENTS OF ANNEX D OF THE TECHNICAL PRESCRIPTION C10/11 ed2.1 (01/09/2019)
 2. C10/26 list with power-generating units in accordance with annex D of C10/11 ed2.1 (01/09/2019)

GLV	SBx.x-1VL-40 SBx.x-1AV-41 STPx.x-3AV-40 STPx.x000TL-30 STP50-40 SHP75-10 SHP100-20_SHP150-20 SR52.5-1VL-10 SR5x.x-10 SMA_M_H-13 SMA
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checklist ed 2.1.2 (12/2019)

1	2	3	4	5	6		7	8		9	10	11				12			13				14	15			
					ONLY for units (suitable for) energy storage: Name and reference of the power control system			P _{act} : rated (active) power (W)	S _{max} : maximum apparent power (VA)			ADDITIONAL CHARACTERISTICS				LIMITATIONS			APPLICATION						SynergGrid approval data		
SYNERGRID reference number (GLVxxx-yy-zzzz)	BRAND NAME	Name of the product SERIES	REFERENCE of the model / type of the unit	FIRMWARE VERSION	power control system type ENFluRI	other power control system					1-phase or 3-phase	D.3	D.4.1	D.6.2	D.7.2	D.7.1	D.4.3	D.9.1	(-)	Solar energy	Wind energy	CHP (combined heat & power)	Energy storage	Backup power system	Other	Final homologation	Temporary homologation (expires on 01/05/2020)
	SMA	Sunny Boy	SB1.5-1VL-40	V3.10 and higher				1500	1500	1-phase	X	X	X	X	X					X							
	SMA	Sunny Boy	SB2.0-1VL-40	V3.10 and higher				2000	2000	1-phase	X	X	X	X	X					X							
	SMA	Sunny Boy	SB2.5-1VL-40	V3.10 and higher				2500	2500	1-phase	X	X	X	X	X					X							
	SMA	Sunny Boy	SB3.0-1AV-41	V3.10 and higher				3000	3000	1-phase	X	X	X	X	X					X							
	SMA	Sunny Boy	SB3.6-1AV-41	V3.10 and higher				3680	3680	1-phase	X	X	X	X	X					X							
	SMA	Sunny Boy	SB4.0-1AV-41	V3.10 and higher				4000	4000	1-phase	X	X	X	X	X					X							
	SMA	Sunny Boy	SB5.0-1AV-41	V3.10 and higher				5000	5000	1-phase	X	X	X	X	X					X							
	SMA	Sunny Boy	SB6.0-1AV-41	V3.10 and higher				6000	6000	1-phase	X	X	X	X	X					X							
	SMA	Sunny Tripower	STP3.0-3AV-40	V3.10 and higher				3000	3000	3-phase	X	X	X	X	X					X							
	SMA	Sunny Tripower	STP4.0-3AV-40	V3.10 and higher				4000	4000	3-phase	X	X	X	X	X					X							
	SMA	Sunny Tripower	STP5.0-3AV-40	V3.10 and higher				5000	5000	3-phase	X	X	X	X	X					X							
	SMA	Sunny Tripower	STP6.0-3AV-40	V3.10 and higher				6000	6000	3-phase	X	X	X	X	X					X							
	SMA	Sunny Tripower	STP8.0-3AV-40	V3.10 and higher				8000	8000	3-phase	X	X	X	X	X					X							
	SMA	Sunny Tripower	STP10.0-3AV-40	V3.10 and higher				10000	10000	3-phase	X	X	X	X	X					X							
	SMA	Sunny Tripower	STP15000TL-30	V3.10.00.R and higher				15000	15000	3-phase	X	X	X	X	X					X							



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SMA	Sunny Tripower	STP 17000TL-30	V3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	2500	2500	X	X	X	X	X	X	X	X		X
SMA	Sunny Tripower	STP 20000TL-30	V3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	3680	3680	X	X	X	X	X	X	X	X		X
SMA	Sunny Tripower	STP 25000TL-30	V3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	5000	5000	X	X	X	X	X	X	X	X		X
SMA	Sunny Tripower	STP50-40	V3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	6000	6000	X	X	X	X	X	X	X	X		X
SMA	Sunny Tripower	STP 60-10	V2 00 and higher	SMA Energy Meter or Sunny Home Manager	7500	7500	X	X	X	X	X	X	X	X		X
SMA	Sunny Highpower	SHP 75-10	V2 00 and higher	SMA Energy Meter or Sunny Home Manager	15000	15000	X	X	X	X	X	X	X	X		X
SMA	Sunny Highpower	SHP 150-20	3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	100000	100000	X	X	X	X	X	X	X	X		X
SMA	Sunny Highpower	SHP 100-20	3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	2500	2500	X	X	X	X	X	X	X	X		X
SMA	Sunny Boy Storage	SBS2.5-1VL-10	V03 10 and higher	SMA Energy Meter or Sunny Home Manager	3680	3680	X	X	X	X	X	X	X	X		X
SMA	Sunny Boy Storage	SBS3 7-10	V3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	5000	5000	X	X	X	X	X	X	X	X		X
SMA	Sunny Boy Storage	SBS5 0-10	V3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	6000	6000	X	X	X	X	X	X	X	X		X
SMA	Sunny Boy Storage	SBS6 0-10	V3 10 00 R and higher	SMA Energy Meter or Sunny Home Manager	3300	3300	X	X	X	X	X	X	X	X		X
SMA	Sunny Island	S14 4M-13	V03 20 and higher	SMA Energy Meter or Sunny Home Manager	4600	4600	X	X	X	X	X	X	X	X		X
SMA	Sunny Island	S16 0H-13	V03 20 and higher	SMA Energy Meter or Sunny Home Manager	6000	6000	X	X	X	X	X	X	X	X		X
SMA	Sunny Island	S18 0H-13	V03 20 and higher	SMA Energy Meter or Sunny Home Manager	75000	75000	X	X	X	X	X	X	X	X		X
SMA	Sunny Tripower Storage	STPS60-10	V2 00 and higher	SMA Energy Meter or Sunny Home Manager												

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EXPLANATIONS FOR THE COMPLETION OF THE TABLE	
1	Remarks In the case of a positive homologation, each C10726-homologated power-generating unit is given a unique Synergrid reference number: xxx = unique reference of the manufacturer yy = serial number of manufacturer xxx record xxx zzzz = unique unit reference for the manufacturer xxx
2	Note: "GLV" is the internal Synergrid abbreviation for Declaration of Conformity, based on the Dutch word "Geleidendheidsverklaring". Brand name under which the unit is marketed on the Belgian market.
3	Name of the product series
4	Reference of the model / type of the unit
5	Firmware version
6	power control system: type (Enfubr). Name and reference of the power control system of type Enfubr. Name and reference of the power control system of type Enfubr. compliant to the requirements in C10711 ed2.1 (01/09/2019) (4.1.7 and §7.11.2.3)

7	other power control system	This case is only applicable for units (variable for) energy storage, provided with a power control system of another type than EnFulfilis. Name and reference of the power control system, compliant to the requirements in C10/11 ed2.1 (01/09/2019) §7.11.2.2
8	P _{av} , rated (active) power (W)	Active (electrical) power in W at the terminals of the unit, as stated on the technical sheet / data sheet / brochure and nameplate.
9	S _{max} , maximum apparent power (VA)	(For photovoltaic inverters: see also definition in §3.2.5 of IEC 62899-2:06-11)
10	1-phase or 3-phase	Maximum apparent (electrical) power at the terminals of the unit, as stated on the certificate / the test report / the technical sheet / data sheet / brochure. Indicate whether the unit is single- or three-phase. This characteristic refers to the unit itself, not to the nature of the connection to the distribution network to which the unit can be connected.
11	Additional characteristics	In these columns optional additional characteristics of the units are indicated, following the information in checklist annex D and the corresponding technical file. Put an "x" at each relevant additional characteristic. Note: Only units < 1 MW that are "type B ready" may be applied in an installation ≥ 1 MW (installation "type B" according to the European Network Code RfG). A unit < 1 MW is only "type B ready" if it complies with all optional properties ticked in column I of the checklist Annex D.
12	Limitations	These columns specify limitations of the units to their application in certain types of installations, in accordance with the information in the checklist in annex D and the corresponding technical file. Put an "x" to each relevant limitation.
13	Application	Indicate the applications for which the unit is suitable. Include an "x" with each application for which the unit can be used.
14	Synergrid approval date Temporary homologation (expires on 01/05/2020)	Date on which the submitted homologation file was approved by Synergrid for a limited period of time. - A temporary homologation is granted if the applicant invokes exceptions in chapter 3 of C10/11 ed2.1 (01/09/2019) and has not yet submitted all the test reports required for a definitive homologation with his homologation application (exception 3), or if the units do not yet have all the required properties (exceptions 1 and 2). - The expiry date for a temporary homologation is 01/05/2020 - see conditions in chapter 3 of C10/11 ed 2.1 (01/09/2019).
15	Synergrid approval date Final homologation	Date on which the submitted homologation file was definitively approved by Synergrid. - A final approval will be granted as soon as Synergrid has a fully compliant homologation dossier. - A final homologation only remains valid under the following conditions: - No changes that have an influence on the initial approval are made to (the production of) the units. - There is no new edition of prescription C10/11. - The validity date of the test reports in the technical file submitted for approval has not been exceeded. See also the general Synergrid procedure S7/01 for homologation of material, which is applicable. (1)

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(1) - S7/01 Technical specification procedure for application for homologation and renewal of homologation of materials