

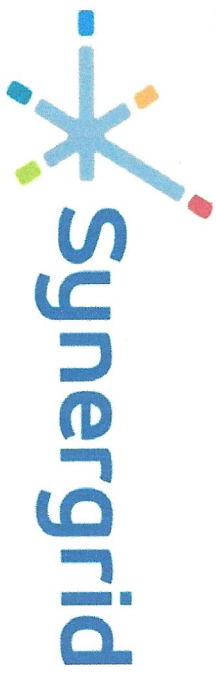
GLV 006-03

SMA

SBS2.5-1VL-10

**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 Sonnentallee1, 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:

- 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).
- 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.
 - 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.
 - 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.
 - 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 a SMA Solar Technology AG On: 2021-02-24	 Sven Bremicker Head of Technology Development Center	Homologated by Synergrid on: 08/03/2021 Stamp Synergrid & signature:	 SYNERGRID a.s. b.l.v. z.w. Galerie Ravenssteingalerij 4/2 BE-1000 Bruxelles/Brussel
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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 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 ~~C10/26~~ SMA S852.5-1V1-10
 checklist ed 2.1.2 (12/2019)

1	2	3	4	5	6		8	9	10	11					12				13				14	15																						
					ONLY for units (suitable for) energy storage: Name and reference of the power control system					POWER	1-phase or 3-phase	D.3	D.4.1	D.6.2	D.7.2	0	D.7.1	D.4.3	D.9.1	(...)	APPLICATION	Temporary homologation (expires on 01/05/2020)			Final homologation																					
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 EnHuri	other power control system	P _{act} rated (active) power (W)	S _{max} maximum apparent power (VA)	1-phase or 3-phase														additional characteristics integrated	additional operating frequency range (51.5 Hz - 52.5 Hz)		power response to underfrequency	active power reduction P(L)	compliant power control system provided (e.g. EnHuri)	only homologated for "small power-generating installations"	only homologated for connection to HV-network	only homologated for use in module < 800W	only homologated for power system according to §2.1.1	only homologated as a backup system	Solar energy	Wind energy	CHP (combined heat & power)	Energy storage	Backup power system	Other	SYNERGRID	SMA	Sunny Boy Storage	S852.5-1V1-10	V3.10 and higher	SMA Energy Meter or Sunny Home Manager	2500

EXPLANATIONS FOR THE COMPLETION OF THE TABLE

Column	Title	Remarks
1	SYNERGRID reference number (GLVxxx-yy-zzzz)	In the case of a positive homologation, each C10/26-homologated power-generating unit is given a unique Synergid reference number: xxx = unique reference of the manufacturer yy = serial number of manufacturer xxx's record xxx zzz = unique unit reference for the manufacturer xxx Note: "GLV" is the standard <i>Standard-abbreviatur</i> for Declaration of Conformity, based on the Dutch word "Gebruiksmatigheidsverklaring". Brand name under which the unit is marketed on the Belgian market.
2	Brand name	Name of the product range. Note: For each separate product range (or each group of units with common characteristics) a separate checklist according to Appendix D is required (sheet 3) together with the corresponding conformity proof documents.
3	Name of the product series	Unique product name or reference. Units of the same product range must be unequivocally distinguished from each other through this name or reference.
4	Reference of the model / type of the unit	Reference of the firmware version of the unit.
5	Firmware version	This case is only applicable for units suitable for energy storage, provided with a power control system of type EnHuri, compliant to the requirements in C10/11 ed2.1 (01/09/2019) §4.1.7 and §7.11.2.1.
6	EnHuri	This case is only applicable for units suitable for energy storage, provided with a power control system of another type than EnHuri. Name and reference of the power control system, compliant to the other power control system requirements in C10/11 ed2.1 (01/09/2019) §7.11.2.2.
7	other power control system	Active (electrical) power in W at the terminals of the unit, as stated on the technical sheet / data sheet / brochure and nameplate. (For photovoltaic inverters: see also definition in §3.2.5 of IEC 62894:2016-11)
8	P _{act} rated (active) power (W)	Maximum apparent (electrical) power at the terminals of the unit, as stated on the certificate / the test report / the technical sheet / data sheet / brochure.
9	S _{max} maximum apparent power (VA)	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.
10	1-phase or 3-phase	

SYNERGRID a.s. b. l. - y. z. a. w.
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Nieszial, 2021-02-24
 SMA Solar Technology AG

V. Sven Bremicker

Head of Technology Development Center

