

GLV 04.03

Growatt

MIN (XE)

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:

Shenzhen Growatt New Energy Technology Co.
No.28 Guangming Road, Longteng community,
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Represented by:

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Vivian

China

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.
- file.

Done at Shenzhen

(location)

On: 26th, Dec, 2019

(date)

(stamp manufacturer & signature)



Homologated by Synergrid on: 26/02/2020

Stamp Synergrid & signature:

SYNERGRID s.a.s. b.i.-v.z.w.
Galerie Ravensteingalerij 4/2
BE-1000 Bruxelles/Brussel
T.V.A./B.T.W.: BE 0402.958.091

*** 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.

C10/26 - homologation - 1. GLV

ed2.1.2 (12/2019) on the basis of C10/11 ed.2.1 (01/09/2019)

POWER-GENERATING UNITS TO BE HOMOLOGATED FOR LIST C10/26 ACCORDING TO THE REQUIREMENTS OF ANNEX D OF THE TECHNICAL PRESCRIPTION C10/11 ed.2.1 (01/09/2019)

2. C10/26 List with power-generating units, in accordance with annex D of C10/11 ed.2.1 (01/09/2019)

checklist ed. 2.1.2 (12/2019)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
SYNERGRID reference number (GLVxxx-yy-zzzz)	BRAND NAME	Name of the product SERIES	REFERENCE of the model / type of the unit	FIRMWARE VERSION	ONLY for units suitable for energy storage: Name and reference of the power control system		P _{act} rated (active) power (W)	P _{max} maximum apparent power (VA)	1-phase or 3-phase	ADDITIONAL CHARACTERISTICS			APPLICATION		Final homologation approval date
					power control system type ENFiURL	other power control system				D.3	D.4	D.6.2	D.7.2	D.7.1	
	Growatt	MN	2500TL-XE	AL1.0			2500	2500	1-phase	X	X	X			
	Growatt	MN	3000TL-XE	AL1.0			3000	3000	1-phase	X	X	X			
	Growatt	MN	3600TL-XE	AL1.0			3600	3600	1-phase	X	X	X			
	Growatt	MN	4200TL-XE	AL1.0			4200	4200	1-phase	X	X	X			
	Growatt	MN	4600TL-XE	AL1.0			4600	4600	1-phase	X	X	X			
	Growatt	MN	5000TL-XE	AL1.0			5000	5000	1-phase	X	X	X			



EXPLANATIONS FOR THE COMPLETION OF THE TABLE

Column	Title
1	SYNERGRID reference number (GLVxxx-yy-zzzz) In the case of a power generating unit, each C10/26 homologated power-generating unit is given a unique Synergid reference number: xxx - yy - zzzz - unique unit reference for the manufacturer Note: '00' is the Synergid abbreviation for 'Generation of Components', based on the Dutch word 'Componentenfabriek'.
2	Brand name Brand name under which the unit is marketed on the Belgian market.
3	Name of the product series Name of the product range - product name (for 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.
4	Reference of the model / type Unique product name or reference. Units of the same product range must be unequivocally distinguished from each other through this name or reference.
5	Firmware version Reference of the firmware version of the unit.
6	Power control system type ENFiURL This one is only valid for units suitable for energy storage, provided with a power control system of type ENFiURL. Name and reference of the power control system or type ENFiURL, compliant to the requirements in C10/11 ed.2.1 (01/09/2019) § 1.1.1 and § 1.1.2.1.
7	Other power control system This one is only applicable for units suitable for energy storage, provided with a power control system of another type than ENFiURL. Name and reference of the power control system, compliant to the requirements in C10/11 ed.2.1 (01/09/2019) § 1.1.2.2.
8	P _{act} 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 complete.
9	P _{max} maximum apparent power (VA) Complex (electrical) maximum active definition in § 3.2.3 of IEC 62041-21B:11.
10	1-phase or 3-phase Indicate whether the unit is suitable for these phases. This characteristic refers to the unit itself, not to the nature of the connection to the distribution network in which the unit can be connected.
11	Additional characteristics In these columns indicate additional characteristics of the units as 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 kW that are 'Type B ready' may be applied in an installation > 1.9W (installation 'Type B' according to the European Network Code RCD). A unit < 1 kW is either 'Type B ready' if it complies with ALL optional properties listed in column 1 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	Synergid approval date Date on which the submitted homologation file was approved by Synergid for a limited period of time. Temporary homologation (expires on 01/05/2020) - A temporary homologation is granted if the applicant invokes exceptions in chapter 3 of C10/11 ed.2.1 (01/09/2019) and has not yet submitted all the test reports required for a definitive homologation with its homologation application (exception 3), or if the units do not yet have all the required properties (exceptions 1 and 2).
15	Synergid approval date Date on which the submitted homologation file was definitively approved by Synergid. Final homologation (expires on 01/05/2020) - A final approval will be granted as soon as Synergid 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 Synergid procedure §1.01 for homologation of material, which is applicable. (1)

10 - SYNERGRID - procedure for application for homologation and control of homologation of materials

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