

GLV 120-01

Hoymlles

HM

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:	Hoymlles Converter Technology Co., Ltd. No. 18 Kangjing Road, Hangzhou, Zhejiang Province	Represented by:	Henry Dai
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			Telephone:	

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.



Done at: No. 18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China

On: 2020/11/30

(Stamp manufacturer & signature)

Henry Dai

Homologated by Synergrid on: 21/12/2020

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 test reports (exception 3), or that the units do not yet have all the required characteristics (exceptions 1 and 2), a temporary homologation order may be issued. 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. All this in not the case the 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)
 GLV120-01 Homologation
 Check list ed 2.1.2 (12/2019)

1	2	3	4	5	6		8	9	10	11							12				13			14	15	
					Name and reference of the power control system	Energy storage control system				Power (W)	Some maximum apparent power (VA)	1-phase or 3-phase	D.3	D.3.1	D.4.1	D.5.2	D.7.2	D.7.1	D.8.3	D.8.1	D.8.2	Solar energy	Wind energy			CHP (combined heat & power)
SYNERGRID reference number (GLVxxx-yy-zzzz)	BRAND NAME	Name of the product SERIES	REFERENCE of the model / type of the unit	FRANMASE VERSION	power control system type	Energy storage control system	Power (W)	Some maximum apparent power (VA)	1-phase or 3-phase	D.3	D.3.1	D.4.1	D.5.2	D.7.2	D.7.1	D.8.3	D.8.1	D.8.2	Solar energy	Wind energy	CHP (combined heat & power)	Energy storage	Backup power system	Other	Temporary homologation (express on 01/09/2019)	Final homologation
GLV120-01-0001	Hyomiles	HM (4n1)	HM-1500	V01.01.00			1500	1500	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0002	Hyomiles	HM (4n1)	HM-1500T	V01.01.00			1500	1500	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0003	Hyomiles	HM (4n1)	HM-1200	V01.01.00			1200	1200	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0004	Hyomiles	HM (4n1)	HM-1200T	V01.01.00			1200	1200	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0005	Hyomiles	HM (4n1)	HM-1000	V01.01.00			1000	1000	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0006	Hyomiles	HM (4n1)	HM-1000T	V01.01.00			1000	1000	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0007	Hyomiles	HM (2n1)	HM-800	V01.01.00			800	800	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0008	Hyomiles	HM (2n1)	HM-800T	V01.01.00			800	800	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0009	Hyomiles	HM (2n1)	HM-700	V01.01.00			700	700	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0010	Hyomiles	HM (2n1)	HM-700T	V01.01.00			700	700	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0011	Hyomiles	HM (2n1)	HM-500	V01.01.00			500	500	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0012	Hyomiles	HM (2n1)	HM-500T	V01.01.00			500	500	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0013	Hyomiles	HM (1n1)	HM-400	V01.01.00			400	400	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0014	Hyomiles	HM (1n1)	HM-400T	V01.01.00			400	400	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0015	Hyomiles	HM (1n1)	HM-350	V01.01.00			350	350	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0016	Hyomiles	HM (1n1)	HM-350T	V01.01.00			350	350	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0017	Hyomiles	HM (1n1)	HM-300	V01.01.00			300	300	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
GLV120-01-0018	Hyomiles	HM (1n1)	HM-300T	V01.01.00			300	300	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		

EXPLANATIONS FOR THE COMPLETION OF THE TABLE

Column	Title	Comments
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; yyy - serial number of manufacturer; xxx - second xxx; zzzz - unique unit reference for the manufacturer xxx. Note: 'GLV' is the Internal Synergid abbreviation for 'homologation of conformity', based on the Dutch word 'toelating' (homologation).
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.
4	Reference of the model / type of the unit	Unique product name or reference, units of the same product range must be unequivocally distinguished from each other through this name or reference.
5	Reference version	Reference of the firmware version of the unit.
6	power control system type (ENFURL)	This case is only applicable for units (suitable for) energy storage, provided with a power control system of type ENFURL, compliant to the requirements in C10/11 ed2.1 (01/09/2019) § 4.1.7 and § 7.1.2.1
7	other power control system	This case is only applicable for units (suitable for) energy storage, provided with a power control system of another type than ENFURL: Name and reference of the power control system, compliant to the requirements in C10/11 ed2.1 (01/09/2019) § 7.1.2.2
8	power (active) power (W)	Active (electrical) power at the terminals of the unit, as stated on the technical sheet / data sheet / brochure and magazine.
9	Some maximum apparent power (VA)	Maximum apparent (electrical) power at the terminals of the unit, as stated on the certificate / the test report / the technical sheet / data sheet / brochure.
10	1-phase or 3-phase	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.

C10/26 - homologation 2. List of power-generating units ed2.1.2 (12/2019) on the basis of C10/11 ed2.1 (01/09/2019) p.1.2

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11	Additional characteristics	In these columns optional additional characteristics of the units are indicated, following the information in checklist annex B 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 EN). A unit < 1 MW is only "type B ready" if it complies with all optional properties ticked in column I of the checklist Annex B.
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 B and the corresponding technical file. Put an "X" to each relevant limitation.
13	Application	Indicate the applications for which the unit is suitable. Indicate an "X" with each application for which the unit may be used.
14	Synergrid approval date Temporary homologation (expires on 01/09/2019)	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 fulfills the requirements in chapter 2 of C10/11 ed. 2.1 (01/09/2019) and has not yet submitted all the test reports required for a definitive homologation with his homologation application (see section 3.1 of C10/11 ed. 2.1 (01/09/2019) and 2). The expiry date for a temporary homologation is 01/09/2019 (see section 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 by 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 SI/01 for homologation of materials, which is applicable. (1)

(1) - SI/01 Technical specification: procedure for application for homologation and removal of homologation of materials

**FINAL
HOMOLOGATION**

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