

GLV188-24	Deye	SUN-3~12K-SG05LP3-EU-SM2	
C10/26 - DECLARATION OF CONFORMITY for power-generating units GLV ed2.1.3 (03/2025)			
for compliance with annex D "Technical basic requirements regarding the power-generation units "of the Synergrid prescription C10/11 ed2.3 (17/10/2024).			

The undersigned,	Manufacturer:	NingBo Deye Inverter Technology Co., Ltd.	Represented by:	Bard Dai
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Hereby declares that each production unit completed in the list in tab 2 '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 ed2.3 (17/10/2024).

2. In order to substantiate this, a technical file has been submitted for each 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, no additional documents are needed. By signing and dating this declaration of conformity, the manufacturer declares the correctness of the information (compliant / non-compliant / 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.

Manufacturer's signature: Digitally signed, see last page	Homologated by Synergrid on: 23/09/2025 Synergrid signature: Digitally signed, see last page
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POWER-GENERATING UNITS TO BE HOMOLOGATED FOR THE LIST C10/26 ACCORDING TO THE REQUIREMENTS OF ANNEX D OF THE TECHNICAL PRESCRIPTION C10/11 **ed2.3 (17/10/2024)**

2. C10/26 list with power-generating units in accordance with annex D of C10/11 ed2.3 (17/10/2024)

GLV188-24	Deye	SUN-3~12K-SG05LP3-EU-SM2
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checklist ed2.1.3 (03/2025)

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		POWER		1-phase or 3-phase	ADDITIONAL CHARACTERISTICS					LIMITATIONS				APPLICATION				Synergid homologation approval date			
					power control system type EnFluRi	other power control system	P _{act,r} rated (active) power (W)	S _{max} maximum apparent power (VA)		D.3 automatic separation system	D.3.1 "HfG type B ready" = suitable for use in installation ≥ 1MW	D.4.1 additional operating frequency range (51.5 Hz - 52.5 Hz)	D.6.2 power response to underfrequency	D.7.2 active power reduction (PIU)	D.7.1 compliant power control system provided (e.g. EnFluRi)	D.4.3 only homologated for connection to HV-network	D.9.1 only homologated for use in module < 800W	D.7.1 only homologated as a backup power system according to §2.1.1	Solar energy	Wind energy	CHP (combined heat & power)	Energy storage		Backup power system	Other	Additional information
GLV188-24-0001	Deye	SUN-3~12K-SG05LP3-EU-SM2	SUN-3K-SG05LP3-EU-SM2	1144 or higher	Meter Eastron SDM630MCT/CTSA016		3,000	3,300	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0002	Deye	SUN-3~12K-SG05LP3-EU-SM2	SUN-5K-SG05LP3-BE-SM2	1144 or higher	Meter Eastron SDM630MCT/CTSA016		5,000	5,000	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0003	Deye	SUN-3~12K-SG05LP3-EU-SM2	SUN-5K-SG05LP3-EU-SM2	1144 or higher	Meter Eastron SDM630MCT/CTSA016		5,000	5,500	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0004	Deye	SUN-3~12K-SG05LP3-EU-SM2	SUN-6K-SG05LP3-EU-SM2	1144 or higher	Meter Eastron SDM630MCT/CTSA016		6,000	6,600	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0005	Deye	SUN-3~12K-SG05LP3-EU-SM2	SUN-8K-SG05LP3-EU-SM2	1144 or higher	Meter Eastron SDM630MCT/CTSA016		8,000	8,800	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0006	Deye	SUN-3~12K-SG05LP3-EU-SM2	SUN-10K-SG05LP3-BE-SM2	1144 or higher	Meter Eastron SDM630MCT/CTSA016		10,000	10,000	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0007	Deye	SUN-3~12K-SG05LP3-EU-SM2	SUN-10K-SG05LP3-EU-SM2	1144 or higher	Meter Eastron SDM630MCT/CTSA016		10,000	11,000	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0008	Deye	SUN-3~12K-SG05LP3-EU-SM2	SUN-12K-SG05LP3-EU-SM2	1144 or higher	Meter Eastron SDM630MCT/CTSA016		12,000	13,200	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0009	Deye	SUN-3~12K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	SUN-3K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	1144 or higher	Meter Eastron SDM630MCT/CTSA016		1,700	1,870	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0010	Deye	SUN-3~12K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	SUN-5K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	1144 or higher	Meter Eastron SDM630MCT/CTSA016		2,900	3,190	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0011	Deye	SUN-3~12K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	SUN-6K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	1144 or higher	Meter Eastron SDM630MCT/CTSA016		3,500	3,850	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0012	Deye	SUN-3~12K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	SUN-8K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	1144 or higher	Meter Eastron SDM630MCT/CTSA016		4,600	5,060	3-phase	X		X	X	X	X			X		X	X			23/09/2025		
GLV188-24-0013	Deye	SUN-3~12K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	SUN-10K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	1144 or higher	Meter Eastron SDM630MCT/CTSA016		5,800	6,380	3-phase	X		X	X	X	X			X		X	X			23/09/2025		

GLV188-24-0014	Deye	SUN-3~12K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	SUN-12K-SG05LP3-EU-SM2(Connected in Delta 3X230V)	1144 or higher	Meter Eastron SDM630MCT/CTSA016		6,900	7,590	3-phase	X		X	X	X	X					X		X	X					23/09/2025
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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 Synergrid reference number: xxx = unique reference or the manufacturer yy = serial number of manufacturer xxx's record xxx zzzz = unique unit reference for the manufacturer xxx Note: "GLV" is the internal Synergrid-abbreviation for Declaration of Conformity, based on the Dutch word "Gelijkvormigheidsverklaring".
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. 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.
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	Firmware version	Reference of the firmware version of the unit.
6	power control system type EnFluRi	This case is only applicable for units (suitable for) energy storage, provided with a power control system of <u>type EnFluRi</u> : Name and reference of the power control system of type EnFluRi, compliant to the requirements in C10/11 ed2.3 (17/10/2024) §4.1.7 and §7.11.2.1
7	other power control system	This case is only applicable for units (suitable for) energy storage, provided with a power control system of <u>another type than EnFluRi</u> : Name and reference of the power control system, compliant to the requirements in C10/11 ed2.3 (17/10/2024) §7.11.2.2
8	P _{ac,r} 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. (For photovoltaic inverters: see also definition in §3.2.5 of IEC 62894 2016-11)
9	S _{max} - 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.
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 <u>all</u> 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	Additional information	Additional information about the application of the unit(s): Plug&play, Suitable for V2G, Generator (gas), Generator (hydro), Generator (diesel), Generator (biomass),
15	Synergrid homologation approval date	Date on which the submitted homologation file was approved by Synergrid. - An approval will be granted as soon as Synergrid has a fully compliant homologation dossier. - A 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, or the homologation remains valid under the most recent edition of the 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 S1/01 for homologation of material, which is applicable. See also the general Synergrid procedure S1/01 for homologation of material, which is applicable.

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