GLV105-29	SolaX Power	X3-TRENE-100KI	•
C10/26 - DECL R TIO GLV ed2.1.2 (12/2019)	N OF CONFORMITY for	r power-generating units	

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:	SolaX Power Network Technology (Zhejiang) Co. , Ltd.	Represented by:	Dorothy Fan
	Address:	No.278, Shizhu Road,	Country:	China
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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:	Hangzhou	Homologated by Synergrid on:	19/11/2024
On:	2024.7.3	Stamp Synergrid & signature:	Digitally signed, see last page
Digitally signed, see last	t page		

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 <u>temporary homologation</u> 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.

<sup>\*</sup> Transition period till 01/05/2020 (see exceptions in chapter 3 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 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)

GLV105-29 SolaX Power X3-TRENE-100KI

checklist ed 2.1.2 (12/2019)

1	2	3	4	5	6	7	8	9	10			1	.1			12			12					13			14	15
					ONLY for units (so stor Name and refere control	age:	PO	VER		D.3	DITION	L CH D.4.1	R CT	D.7.2	O O	D.7	<b>VIIT T</b> I	D.6	<u>.</u>	F	PLIC	TION		Synergrid a	pproval date			
SYNERGRID reference number (GLVxxx-yy-zzzz)	BR NDN ME	Name of the product SERIES	REFERENCE of the model / type of the unit	FIRMW RE VERSION	power control system type EnFluRi	other power control system	P <sub>ac,r</sub> rated (active) power (W)	S <sub>max</sub> maximum apparent power (V )	1-phase or 3-phase	automatic separation system	"RfG type B ready" = suitable for use in installation ≥ 1MW	additional operating frequency range (51,5 Hz - 52,5 Hz)	power response to underfrequency	redu	compliant power control system provided (e.g. EnFluRi)	only homologated for "small power- generating installations"	only homologated for	only homologated for	only homologated as a backup	Wind energy Solar energy	CHP (combined heat & power)	Backup power system  Energy storage	Other	Temporary homologation (expires on 01/05/2020)	Final homologation			
GLV105-29-0001	SolaX Power	X3-TRENE-100KI	X3-TRENE-100KI	RM 679.0 FPG 78.5	Meter:DTSU666		100.000	110.000	3-phase		х	Х	Х	Х	Х							х х			19/11/2024			

#### **EXPLANATIONS FOR THE COMPLETION OF THE TABLE**

Column	Title	Remarks
		In the case of a positive homologation, each C10/26-homologated power-generating unit is given a unique Synergrid reference number:
	SYNERGRID reference	xxx = unique reference or the manufacturer
1	number	yy = serial number of manufacturer xxx's record xxx
	(GLVxxx-yy-zzzz)	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,
		Name of the product range.
3	Name of the product series	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 /	Unique product name or reference. Units of the same product range must be unequivocally distinguished from each other through this name or reference.
	type of the unit	
5	Firmware version	Reference of the firmware version of the unit.
6	power control system type	This case is only applicable for units (suitable for) energy storage, provided with a power control system of type EnFluRi: Name and reference of the power control system of type EnFluRi, compliant to the
	EnFluRi	requirements in C10/11 ed2.1 (01/09/2019) §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 another type than EnFluRi: Name and reference of the power control system, compliant to the
	,	requirements in C10/11 ed2.1 (01/09/2019) §7.11.2.2  Active (electrical) power in W at the terminals of the unit, as stated on the technical sheet / data sheet / brochure and nameplate.
8	Pac r rated (active) power (W)	
	Smax - maximum apparent	(For photovoltaic inverters: see also definition in §3.2.5 of IEC 62894 2016-11)
9	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.
		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.
11	Additional characteristics	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.
	4	<del></del>
		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.
12	Limitations	Put an "X" to each relevant limitation.
13	Application	Indicate the applications for which the unit is suitable.
13	Application	Include an "X" with each application for which the unit can be used.
		Date on which the submitted homologation file was approved by Synergrid for a limited period of time.
	Synergrid approval date	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 his
14	Temporary homologation	A temporary intringential is grained in the applicant introduces acception at includer 3 of 1970 (2012) (2012) and has not yet submitted an includer 30 of 1970 (2012) (20
	(expires on 01/05/2020)	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).
	1	The expirit date for a temporary nominologication is 02/05/2020 See contactions in chapter 3 of 02/07/2013).

15	Synergrid approval date Final homologation	Date on which the submitted homologation file was definitely 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 S1/01 for homologation of material, which is applicable. (1)

(1) - S1/01 Technical specification: procedure for application for homologation and renewal of homologation of materials

## PENN30

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'By my signature I confirm all dates and content in this document."

### **Dorothy Fan**

Signataire 1

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# Van Steenberghe Liesbeth Annelore

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