

GLV 105-05 SolaX Power X1-HYBRID G4, X3-HYBRID G4, X1-Fit G4, X3-Fit G4

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:	SolaX Power Network Technology (Zhejiang) C	Represented by:	Shenjia
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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.

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: Hangzhou (location)
On: 2021-08-31 (date)

(stamp manufacturer & signature)

Shenjia

浙江艾罗网络能源技术股份有限公司

SOLAX POWER NETWORK TECHNOLOGY (ZHEJIANG) CO., LTD.

Homologated by Synergrid on: *31/08/2021*

Stamp Synergrid & **SYNERGRID a.s.b.l.-v.z.w.**
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Shenjia

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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 (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 after the end of 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 *SolarX* *X1-Hybrid G4* *X1-Hybrid-3 0-D* *DSP1:2 07* *ARM:2 03*

check on 21/09/2019

1	2	3	4	5	6		7		8	9	11					12			13		14	15						
					ONLY for units (suitable for) energy storage: Name and reference of the power control system		P _{act} rated (active) power (W)	S _{max} maximum apparent power (VA)			1-phase or 3-phase	0.3 () integrated automatic separation system	0.4.1 () "TRIG type B ready" = suitable for use in installation < 1 MW	0.6.2 () additional operating frequency range (51.5 Hz - 52.5 Hz)	0.7.2 () power response to underfrequency	0.7.1 () active power reduction (FU)	0.4.3 () only homologated for "small power-generating installations" (connection to HV-medium)	0.7.1 () only homologated for "small power-generating installations" (compliant power control system provided) (e.g. EnFluRi)	0.8.1 () only homologated for use in module < 600W	0.8.1 () only homologated as a backup power system according to §2.1.1	Solar energy	Wind energy	Other	Backup power system	Energy storage	CHP (combined heat & power)	Synergird approval date	Final homologation
					power control system type EnFluRi	other power control system																						
	SolaX Power	X1-Hybrid G4	X1-Hybrid-3 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	3000	3300	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-3 7-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	3680	3680	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-5 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	5000	5500	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-6 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	6000	6600	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-7 5-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	7500	7500	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-3 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	3000	3300	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-3 7-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	3680	3680	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-5 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	5000	5500	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-6 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	6000	6600	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X1-Hybrid G4	X1-Hybrid-7 5-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	7500	7500	1-phase	X	X	X	X	X					X	X									
	SolaX Power	X3-Hybrid G4	X3-Hybrid-5 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	5000	5500	3-phase	X	X	X	X	X					X	X									
	SolaX Power	X3-Hybrid G4	X3-Hybrid-5 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	5000	5500	3-phase	X	X	X	X	X					X	X									
	SolaX Power	X3-Hybrid G4	X3-Hybrid-6 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	6000	6600	3-phase	X	X	X	X	X					X	X									
	SolaX Power	X3-Hybrid G4	X3-Hybrid-6 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	6000	6600	3-phase	X	X	X	X	X					X	X									

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SolarX Power	X3-Hybrid G4	X3-Hybrid-8 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	8000	8800	3-phase	X	X	X	X	X						X	X
SolarX Power	X3-Hybrid G4	X3-Hybrid-8 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	6000	8800	3-phase	X	X	X	X	X						X	X
SolarX Power	X3-Hybrid G4	X3-Hybrid-10 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	10000	11000	3-phase	X	X	X	X	X						X	X
SolarX Power	X3-Hybrid G4	X3-Hybrid-10 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	10000	11000	3-phase	X	X	X	X	X						X	X
SolarX Power	X3-Hybrid G4	X3-Hybrid-12 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	12000	13200	3-phase	X	X	X	X	X						X	X
SolarX Power	X3-Hybrid G4	X3-Hybrid-12 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	12000	13200	3-phase	X	X	X	X	X						X	X
SolarX Power	X3-Hybrid G4	X3-Hybrid-15 0-D	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	15000	15000	3-phase	X	X	X	X	X						X	X
SolarX Power	X3-Hybrid G4	X3-Hybrid-15 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	15000	15000	3-phase	X	X	X	X	X						X	X
SolarX Power	X1-Fit G4	X1-Fit-3 0-W	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	3000	3300	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-3 7-W	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	3680	3680	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-5 0-W	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	5000	5500	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-6 0-W	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	6000	6600	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-7 5-W	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	7500	7500	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-3 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	3000	3300	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-3 7-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	3680	3680	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-5 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	5000	5500	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-6 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	6000	6600	1-phase	X		X	X	X							X
SolarX Power	X1-Fit G4	X1-Fit-7 5-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DDSU666	7500	7500	1-phase	X		X	X	X							X
SolarX Power	X3-Fit G4	X3-Fit-6 0-W	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	6000	6600	3-phase	X		X	X	X							X
SolarX Power	X3-Fit G4	X3-Fit-6 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	6000	6600	3-phase	X		X	X	X							X
SolarX Power	X3-Fit G4	X3-Fit-8 0-W	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	6000	8800	3-phase	X		X	X	X							X
SolarX Power	X3-Fit G4	X3-Fit-8 0-M	DSP1:2 07 DSP2:2 01 ARM:2 03	Meter:DTSU666	6000	8800	3-phase	X		X	X	X							X

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B. L...

SolaX Power	X3- Fit G4	X3-Fit-10 0-W	DSP1:2 07 DSP2:2 01 ARM 2 03	Meter DTSU666	10000	11000	3-phase	X		X	X	X					X
SolaX Power	X3- Fit G4	X3-Fit-10 0-M	DSP1:2 07 DSP2:2 01 ARM 2 03	Meter DTSU666	10000	11000	3-phase	X		X	X	X					X
SolaX Power	X3- Fit G4	X3-Fit-15 0-W	DSP1:2 07 DSP2:2 01 ARM 2 03	Meter DTSU666	15000	15000	3-phase	X		X	X	X					X
SolaX Power	X3- Fit G4	X3-Fit-15 0-M	DSP1:2 07 DSP2:2 01 ARM 2 03	Meter DTSU666	15000	15000	3-phase	X		X	X	X					X

EXPLANATIONS FOR THE COMPLETION OF THE TABLE

Column	Title	Remarks
3	SolarInverter reference number 0010000000000000000	If the model of a particular homologation, each (10) incorporated power generating unit, is given a unique Synergrid reference number: XXX = unique reference of the manufacturer YY = serial number of manufacturer's model ZZZ = unique unit reference for the manufacturer 000... 011 = the internal Synergrid alphanumeric for Declaration of Conformity, based on the batch with "Self-acceptance in network".
4	Inverter name	Inverter name, which the unit is marketed on the Belgian market.
5	Name of the product series	Name of the product series. Note: For each separate product range (for each group of units with common characteristics) a separate checklist according to Appendix B is required (unless applicable with the corresponding conformity proof documents).
1	Referencing the model type of the unit	Single product name or reference lists of the same product range must be unequivocally distinguished from each other through this name or reference.
6	Firmware version	Reference of the firmware version of the unit.
7	Power control system type (Type B)	This case is only applicable for units (suitable for) energy storage, provided with a power control system of <u>type Enlight</u> . Name and reference of the power control system of <u>type B(Enlight)</u> . (compliant to the requirements in C10 11 ed2.1 (01/09/2019) § 4.1.7 and § 7.11.2.1)
8	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 Enlight</u> . Name and reference of the power control system, compliant to the requirements in C10 11 ed2.1 (01/09/2019) § 7.11.2.2
9	Rated electrical power (kW)	Active (electrical) power in kW at the terminals of the unit, as stated on the technical sheet / data sheet / brochure and nameplate. Use three-phase inverter: see also definition in § 3.2.5 of IEC 62691:2016-11).
10	Max. apparent (electrical) power (kVA)	Maximum apparent (electrical) power at the terminals of the unit, as stated on the certificate / the test report / the technical sheet / data sheet / brochure.
11	Phase or Phases	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.
12	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" to 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 RIG). 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 B.
13	Installation	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.
14	Applications	Indicate the applications for which the unit is suitable. Include an "X" with each application for which the unit can be used.
15	Temporary approval date Temporary homologation number on 01/05/2020	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 invokes exceptions in chapter 3 of C10 11 ed2.1 (01/09/2019) and has not yet submitted all the test reports (conditions for a definitive homologation with his homologation application with his homologation application (exception 3), or if the units do not yet have all the required properties (exceptions 1 and 2). - the expiry date for a temporary homologation is 01/05/2020 - see conditions in chapter 3 of C10 11 ed2.1 (01/09/2019).
16	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 to (the production of) the units. - There is no revocation 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 material, which is applicable. (1)

(1) I-SI-01 Technical specification procedure for application for homologation and renewal of homologation of material.


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