GLV073-18	Huawei	SUN2000-12~25KTL-M5
C10/26 - DECLAR GLV ed2.1.2 (12/201	ATION OF CONFOR	MITY for power-generating units
OLV 602.1.2 (12/20)		

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:

Digital Power Technologies B.V.

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Represented by:

Country:

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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:

Rijswijk, The Netherlands

On:

27 02 2023

(stamp manufacturer & signature)

Homologated by Synergrid on:

17/05/2023

Galerie Ravensteingalerij 4/2 BE-1000 Bruxel/es/Brussel

T V A /B T.W BE 0402.958.09

* 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 <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.

POWER-GENERATING UNITS TO BE HOMOLOGATED FOR LIST C10/26 ACCORDING TO THE REQUIREMENTS OF ANNEX D OF THE TECHNICAL PRESCRIPTION C10/11 edz.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)

GLV073-18 Huawei SUN2000-12-25KTL-MS

checklist ed 2.1 2 (12/2019)

1	2	3	4	5	6	7	8	9	1 10	T		11	_			1	L2			1	3		14	15
						uitable for) energy age:	POWER			ADI	ADDITIONAL CHARACTERISTICS					LIMITATIONS			APPLICATION				Synergrid approval da	
					Name and refers	nce of the power system		-		D3	0	4	D 61 2	0	07.1	D 4.3	D 9 1	(L)	T	П	4	П		
SYNERGRID reference number (GLVxxx-yy-zzzz)	BRAND NAME	Name of the product SERIES	REFERENCE of the model / type of the unit	FIRMWARE VERSION	power control system type EnFluRi	other power control system	P _{=,} rated (active) power (W)	S _{max} maximum apparent power (VA)	t-phase or 3-phase	automatio separation system	RIG type B ready" = suitable for use to instribution > 1MW	additional operating frequency range	power response to underfrequency	provided (e.g. EnFluRI)	i de si	connection to HV-network		only homologated as a hackup power system according to §2 1.1	Solar energy	CHP (combined heat & power)	Energy storage	Other	Temporary homologation (expires on 01/05/2020)	final homologation
GLV073-18-0001	Huawei	SUN2000	12KTL-M5	V200R200			12000	13200	3-phase	X		x	3		1				×	1	\neg	1		
GLV073-18-0002	Huawei	SUN2000	15KTL-M5	V200R200			15000	16500	3-phase	X		x			T				x	1		171		
GLV073-18-0003	Huawei	SUN2000	17KTL-M5	V200R200			17000	18700	3-phase	X		X)						x			\top		
GLV073-18-0004	Huawei	SUN2000	20KTL-M5	V200R200			20000	22000	3-phase	Х		X)						x			\neg		
GLV073-18-0005	Huawei	SUN2000	25KTL-M5	V200R200			25000	27500	3-phase	X		Х	>						×	Н				
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										F	H	+	ŧ		F				1	Ħ	+	H		
										H		1	Ŧ						1	H	1	H		

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 yr = serial number of manufacturer xxxx record xxx zzzz = unique unit reference for the manufacturer xxxx Note: "60V" 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 conformation of the 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 conformation of the 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 conformation of the product range (or each group of units with common characteristics) as separate checklist according to Appendix D is required (sheet 3) together with the corresponding conformation of the product range (or each group of units with common characteristics) as separate checklist according to Appendix D is required (sheet 3) together with the corresponding conformation of the product range (or each group of units with common characteristics) as separate checklist according to Appendix D is required (sheet 3) together with the corresponding conformation of the product range (or each group of units with common characteristics) as separate checklist according to the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product range (sheet 3) together with the corresponding conformation of the product r
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.
b	power cantrol system type Entires	This case is only applicable for units (suitable for) energy scornes, provided with a power control system of type Entire Name and reference of the power control system of type Entire Compliant to the sequinements in C10/11 ed.2.1 (02/05/2019) \$4.1.7 and \$7.11.6.1
7	other power control system	This case is only applicable for units (so table for) energy storage, provided with a bowler control system of another type than social. Name and reference of the power control system, a uniform to the requirements in C10/01 ed.2.1 (01/09/3019) 67-11-12.2
4	P _{ete} 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 photovoltate inverters] see also definition in §3.2.5 of IEC \$2894.2015-11]
9	Smax - 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 isself, not to the nature of the connection to the stribution network to which the unit can be connected.

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C10/26 - homologation - 2. list of power-generating unit ed2.1.2 (12/2019) on the basis of C10/11 ed.2.1 (01/09/2019) - p.1/2

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 all 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	Synergrid approval date Temporary homologation (expires 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 required for a definitive homologation with himologation 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 ed.2.1 (01/09/2019).
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 CIO/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) - \$1/01 Technical specification: procedure for application for homologation and renewal of homologation of materials

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