GLV 073-14

HUAWEI

SUN2000-50KTL-M3

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:

Address:

Digital Power Technologies B.V.

Laan van Vredenoord 56

2289DJ Rijswijk

Nederland

Represented by:

Country:

email:

Telephone:

B.F. van der Weerdt

Nederland

boukev.weerdt@huawei.com

+31 6 38310865

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

On:

23 12 2022

(stamp manufacturer & signature)

Homologated by Synergrid of YNEOGRAD a.s.b.l.-v.z.w.

Stamp Synergrid & signature alerie Rayensteingalerij 4/2

BE-1000 Byuxelles/Brussel

T.V.A. BA.W : BE 0402.958.091

\* 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.

SYNEBGRID a.s.b.l.-v.z.w.

Galerie Ravensteingalerij 4/2 BE-1000/Bruxelles/Brussel T.V.A.B.T.W: BE 0402.558.091

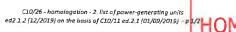
## POWER-GENERATING UNITS TO BE HOMOLOGATED FOR LIST C10/26 ACCORDING TO THE REQUIREMENTS OF ANNEX D OF THE TECHNICAL PRESCRIPTION C10/11 ed2.1 (01/09/2019)

2. C10/26 list with power-generating units in accordance with annex D of C10/11 ed2.1 (01/09/2019) GLV 073-14 checklist ed 2.1.2 (12/2019) HUAWEL SUN2000-SOKTL-M3

1	2	3	4	5	6	7	8	9	10.	T	_		11		-			12		T		L3		14	15
SYNERGRID reference number (GLVxxx-yy-zzzz)	BRAND NAME	Name of the product SERIES	REFERENCE of the model I type of the unit	FIRMWARE : VERSION	ONLY for units (suitable for) energy storage:		POWER			ADI	ADDITIONAL CHARACTERISTICS				TICS				APPLICATION			N	Synergrid approval date		
					Name and refer	nace of the power I system			1-phase or 3-phase	03	E	D4.1	D,6 2	D.72	0	D,7 1	only homologa system a only he use in a only he connection connection generat	D 9.1	C	П	T	П	T		
					power control system type EnFluRs	other power control system	P <sub>ec,r</sub> rated (active) power (W)	S <sub>m.m.</sub> maximum apparent power (VA)		automatic separation system	'RIG type B ready' = sulfable for use it installation ≥ 1MW	raling frequency ( Hz - 52,5 Hz)	esponse to underfrequ	active power reduction P(U)	compliant power control system provided (a g. EnFluRt)	only homologated for "small power- generating installations"		11	CHP (combined heat & power) Wind energy	E S	Other Backup power system	Temporary homologation (expires on 01/06/2020)	Final homologation		
	Huawei	SUN2000	50KTL-M3	V200R023C00			50000	55000	3-phase	X	X	Х		Х						х					
				/						-										$\Box$					
			1															+	$\vdash$	+	+	H			_
			11																		1				
		11	1111						-	+									-	$\vdash$		H	-		
	7	11/1/	2000																	H		H			
	17	1								-												П			
	11																	-	-		+				
	1																							cello a	

## **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  Nate: "GLV" is the internal Synergrid-abbreviation for Decipration 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 conformit 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.
ō	power control system rape Income	The case is only applicable for units (suitable for letting), scorage, provided with a newer control system of type EnFalls. Name and reference of the power control system of type EnFalls. Sometimes in C10/11 ed. 1 (01/09/2019) \$4.17 and \$7.11.2.2.
$\mathbb{Z}$	atriar power contra system	This case is only applicable for units (mitable for energy storage, provided with a government of motion type in the figure type than in the requirements in C10/15 eez.1 io/39/1029 § 2.11.2.2
8	P <sub>∞</sub> , rated (active) power (W)	Active (electrical) power in 1/2 at the terminals of the unit, as stated on the technical sheet / data sheet / brochure and managinate.
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
1.0	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 distribution network to which the unit can be connected.





¥ \$	Additional characteristics	In these columns optional additional characteristics of the units are indicated, following the information in checklist annex 0 and the corresponding technical file.  Put an "X" at each relevant additional characteristic.  Note: Only units < 1 MW that are "type 8 ready" may be applied in an installation > 1 MW (installation "type 8" according to the European Network Code RfG). A unit < 1 MW is only "type 8 ready" if it complies with all optional properties ticked in column I of the checklist Annex 0.
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)	Oate 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 ed.2.1 (01/09/2019) and has not yet submitted all the test reports required for a definitive homologation with hit 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 01/05/2010 - see conditions in chapter 3 of C10/11 ed.2.1 (01/09/2019).
15	Symergrid approval date Final homologation	Oate 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 dossien.  - 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 51/01 for homologation of material, which is applicable. (1)

(1) -51/01 Technical specification: procedure for application for homologation and renewal of homologation of materials

SYNERGRID a.s.b.l.-v.z.w. Salerie Rayensteingalerij 4/2 BE-1000 Bruxelles/Brussel V.A./Z.T.W: BE 0402.958.091

