



GLV 032.01	GOODWE	XS, DNS, SDTG2, SMT, MT	
<b>C10/26 - DECLARATION OF CONFORMITY for power-generating units</b> <b>GLV ed2.1.2 (12/2019)</b>			
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:	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO.	Represented by:	JING XIE
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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.
  - 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.
  - 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.



Done at:	Suzhou, China		Homologated by Synergrid on:	Initial homologation on
On:	24-03-2020		SYNERGRID as.b.f.-v.z.w.	18/05/2020, update on
(stamp manufacturer & signature)			Galerie Ravensteingalerij 4/2 BE-1000 Bruxelles/Brussel T.V.A./B.T.W : BE 0402.958.091	12/05/2023 – correction Smax of the units of the XS, SDT G2,SMT, MT series"

\* **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

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 032.01 GOODWE NS, DNS, SDTG2, SMT, MT

checklist ed 2.1.2 (12/2019)

1	2	3	4	5	6		7		8		9	10	11				12				13		14	15	
					ONLY for units (suitable for) energy storage: Name and reference of the power control system		P <sub>max</sub> rated (active) power (W)	S <sub>max</sub> maximum apparent power (VA)	1-phase or 3-phase	ADDITIONAL CHARACTERISTICS				LIMITATIONS				APPLICATION		Synergrid approval date	Final homologation				
					power control system type EnFluRI	other power control system				D 3 automatic separation system			D 4.1 TRIG 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 (PU)	D 7.1 only homologated for "small power-generating installations"	D 4.3 only homologated for connection to HV-network	D 9.1 only homologated for use in module < 800W			(-) only homologated as a backup power system according to §2.1.1			Solar energy
GLV032-01-0001	GOODWE	DNS	GW3000D-NS	V1.14.11or above			3000	3000	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0002	GOODWE	DNS	GW3600D-NS	V1.14.11or above			3680	3680	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0003	GOODWE	DNS	GW4200D-NS	V1.14.11or above			4200	4200	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0004	GOODWE	DNS	GW5000D-NS	V1.14.11or above			5000	5000	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0005	GOODWE	XS	GW700-XS	V1.11.11 or above			700	800	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0006	GOODWE	XS	GW1000-XS	V1.11.11 or above			1000	1100	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0007	GOODWE	XS	GW1500-XS	V1.11.11 or above			1500	1650	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0008	GOODWE	XS	GW2000-XS	V1.11.11 or above			2000	2200	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0009	GOODWE	XS	GW2500-XS	V1.11.11 or above			2500	2750	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0010	GOODWE	XS	GW3000-XS	V1.11.11 or above			3000	3300	1-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0011	GOODWE	SDT G2	GW4K-DT	V1.07.07 or above			4000	4400	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0012	GOODWE	SDT G2	GW5K-DT	V1.07.07 or above			5000	5500	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0013	GOODWE	SDT G2	GW6K-DT	V1.07.07 or above			6000	6600	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0014	GOODWE	SDT G2	GW8K-DT	V1.07.07 or above			8000	8800	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0015	GOODWE	SDT G2	GW10KT-DT	V1.07.07 or above			10000	11000	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0016	GOODWE	SMT	GW25K-MT	V1.06.06.06 or above			25000	27500	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0017	GOODWE	SMT	GW30K-MT	V1.06.06.06 or above			30000	33000	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0018	GOODWE	SMT	GW36K-MT	V1.06.06.06 or above			36000	36000	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0019	GOODWE	MT	GW50KN-MT	V1.10.10 or above			50000	55000	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0020	GOODWE	MT	GW60KN-MT	V1.10.10 or above			60000	66000	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0021	GOODWE	MT	GW50KBF-MT	V1.10.10 or above			50000	55000	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0022	GOODWE	MT	GW60KBF-MT	V1.10.10 or above			60000	66000	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0023	GOODWE	MT	GW75KBF-MT	V1.10.10 or above			75000	82500	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			
GLV032-01-0024	GOODWE	MT	GW80KBF-MT	V1.10.10 or above			80000	88000	3-phase	X	X	X	X	X	X	X	X	X	X	X	X	X			

**FINAL  
HOMOLOGATION**

**SYNERGRID a.s.p.l.-v.z.w.**  
 Galerie Ravensteingalerij 4/2  
 BE-1000 Bruxelles/Brussel  
 T.V.A./B.T.W : BE 0402.958.091





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 of the manufacturer yy = serial number of manufacturer xxx's record xxx zzzz = unique unit reference for the manufacturer xxx <i>Note: "GLV" is the internal Synergrid-abbreviation for Declaration of Conformity, based on the Dutch word "Gelijkvermogensverklaring".</i>
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. <b>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.</b>
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: EoPInRt	This case is only applicable for units (suitable for) energy storage, provided with a power control system of type EoPInRt, compliant to the requirements in C10/11 ed2.1 (01/09/2019) § 4.1.2 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 EoPInRt. Name and reference of the power control system, compliant to the requirements in C10/11 ed2.1 (01/09/2019) § 7.11.2.2
8	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 homologate. <i>(for additional details, see also definition in § 2.2.3 of IEC 60891:2016-11)</i>
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 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. <b>Note: Only units &lt; 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 &lt; 1 MW is only "type B ready" if it complies with all optional properties ticked in column I of the checklist Annex D.</b>
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 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 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 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)

[\(1\) - SI/01 Technical specification procedure for application for homologation and renewal of homologation of materials](#)

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