

GLV231-06	Sigenergy	Sigen Hybrid Inverter	
<b>C10/26 - DECLARATION OF CONFORMITY for power-generating units</b> <b>GLV ed2.1.4 (10/2025)</b>			
<b>for compliance with annex D "Technical basic requirements regarding the power-generation units" of the Synergrid prescription C10/11 ed2.4 (15/10/2025).</b>			

The undersigned,	Manufacturer:	Sigenergy Technology Co., Ltd.	Represented by:	Yang Zhong
	Address:	No.175 Weizhan Rd.Lin-gang 201304 Shanghai PEOPLE'S REPUBLIC OF CHINA	Country:	China
			email:	<a href="mailto:yang.zhong@sigenergy.com">yang.zhong@sigenergy.com</a>
			Telephone:	+31 0649383218

Hereby declares that each production unit completed in the list in tab 2 '*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 ed2.4 (15/10/2025).

2. In order to substantiate this, a technical file has been submitted for each 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, **no additional documents are needed**. By signing and dating this declaration of conformity, **the manufacturer declares** the correctness of the information (**compliant / non-compliant / 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.

Manufacturer's signature: <b>Digitally signed, see last page</b>	Homologated by Synergrid on: 26/11/2025
	Synergrid signature: <b>Digitally signed, see last page</b>

POWER-GENERATING UNITS TO BE HOMOLOGATED FOR THE LIST C10/26 ACCORDING TO THE REQUIREMENTS OF ANNEX D OF THE TECHNICAL PRESCRIPTION C10/11 ed.2.4 (15/10/2025)

2. C10/26 list with power-generating units in accordance with annex D of C10/11 ed.2.4 (15/10/2025)

GLV231-06	Sigenergy	Sigen Hybrid Inverter
-----------	-----------	-----------------------

checklist ed.2.1.4 (10/2025)

1	2	3	4	5	6	7	8	9	10	11					12				13				14	15			
										ADDITIONAL CHARACTERISTICS					LIMITATIONS				APPLICATION								
										D.3	(-)	D.4.1	D.6.2	D.7.2	0	D.7.1	D.4.3	D.9.1	(-)	Solar energy	Wind energy	CHP (combined heat & power)			Backup power system	Energy storage	Other
SYNERGRID reference number (GLVxxx-yy-zzzz)	BRAND NAME	Name of the product SERIES	REFERENCE of the model / type of the unit	FIRMWARE VERSION	ONLY for units (suitable for) energy storage: Name and reference of the power control system  Only for "Small" storage PGU's : Power control system type EnFluRI (name), and/or use of P1 port of smart meter of DSO (indication "P1").	All other (bigger) storage PGU's : Other power control system (name)	P <sub>act,r</sub> rated (active) power (W)	S <sub>max</sub> maximum apparent power (VA)	1-phase or 3-phase	D.3 automatic separation system	(-) RfG type B or "RfG type B ready" = suitable for use in installation ≥ 1MW	D.4.1 additional operating frequency range (515 Hz - 52,5 Hz)	D.6.2 power response to underfrequency	D.7.2 active power reduction P(U)	0 compliant power control system provided (e.g. EnFluRI)	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	Wind energy	CHP (combined heat & power)	Backup power system	Energy storage	Other	Additional information	Synergid homologation approval date
GLV231-06-0001	Sigenergy	Sigen Hybrid Inverter	Sigen Hybrid 2.0 SP2	V100R001C00	Sigen Sensor SP-DH, SP-CT120-DH; Sigen Gateway Home SP, HomePro SP-F, HomeMax SP 12K		2,000	2,200	1-phase	X	X	X	X	X				X			X	X				26/11/2025	
GLV231-06-0002	Sigenergy	Sigen Hybrid Inverter	Sigen Hybrid 3.0 SP2	V100R001C00	Sigen Sensor SP-DH, SP-CT120-DH; Sigen Gateway Home SP, HomePro SP, HomePro SP-F, HomeMax SP 12K		3,000	3,300	1-phase	X	X	X	X	X				X			X	X				26/11/2025	
GLV231-06-0003	Sigenergy	Sigen Hybrid Inverter	Sigen Hybrid 3.6 SP2	V100R001C00	Sigen Sensor SP-DH, SP-CT120-DH; Sigen Gateway Home SP, HomePro SP, HomePro SP-F, HomeMax SP 12K		3,680	3,680	1-phase	X	X	X	X	X				X			X	X				26/11/2025	
GLV231-06-0004	Sigenergy	Sigen Hybrid Inverter	Sigen Hybrid 4.0 SP2	V100R001C00	Sigen Sensor SP-DH, SP-CT120-DH; Sigen Gateway Home SP, HomePro SP, HomePro SP-F, HomeMax SP 12K		4,000	4,400	1-phase	X	X	X	X	X				X			X	X				26/11/2025	
GLV231-06-0005	Sigenergy	Sigen Hybrid Inverter	Sigen Hybrid 4.6 SP2	V100R001C00	Sigen Sensor SP-DH, SP-CT120-DH; Sigen Gateway Home SP, HomePro SP, HomePro SP-F, HomeMax SP 12K		4,600	5,000	1-phase	X	X	X	X	X				X			X	X				26/11/2025	
GLV231-06-0006	Sigenergy	Sigen Hybrid Inverter	Sigen Hybrid 5.0 SP2	V100R001C00	Sigen Sensor SP-DH, SP-CT120-DH; Sigen Gateway Home SP, HomePro SP, HomePro SP-F, HomeMax SP 12K		5,000	5,500	1-phase	X	X	X	X	X				X			X	X				26/11/2025	



# PENNEO

The signatures in this document are legally binding. The document is signed using Penneo™ secure digital signature. The identity of the signers has been recorded, and are listed below.

“By my signature I confirm all dates and content in this document.”

## Yang Zhong

### Signataire 1

Serial number: yang.zhong@sigenergy.com

IP: 90.152.xxx.xxx

2025-11-26 13:55:29 UTC

*Ruizhi Bai*

## Malbrancke Marc August M

### Signataire 2

On behalf of: SRBE

Serial number: 75:27:E9:A0:9E[...]A2:08:FC:D6:E

IP: 78.29.xxx.xxx

2025-11-26 14:03:22 UTC



QES



This document is digitally signed using [Penneo.com](https://penneo.com). The signed data are validated by the computed hash value of the original document. All cryptographic evidence is embedded within this PDF for future validation.

The document is sealed with a Qualified Electronic Seal. For more information about Penneo's Qualified Trust Services, visit <https://eutl.penneo.com>.

### How to verify the integrity of this document

When you open the document in Adobe Reader, you should see that the document is certified by **Penneo A/S**. This proves that the contents of the document have not been modified since the time of signing. Evidence of the individual signers' digital signatures is attached to the document.

You can verify the cryptographic evidence using the Penneo validator, <https://penneo.com/validator>, or other signature validation tools.