

Compliance Document

No. D 083373 0060 Rev. 01

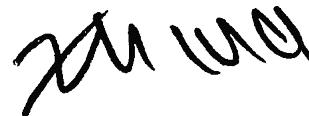
Holder of Certificate: **GoodWe Technologies Co., Ltd.**
No. 90 Zijin Road
New District
215011 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Grid-interactive inverter with storage
battery system

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092001913-01

Date, 2022-09-02



(Zhengdong Ma)



Compliance Document

No. D 083373 0060 Rev. 01

Model(s):

Grid-interactive inverter: GW3600-EH, GW5000-EH,
GW6000-EH, GW3600N-EH,
GW5000N-EH, GW6000N-EH,
GW3600-BH, GW5000-BH,
GW6000-BH
Storage battery system: HVM 8.3, HVM 11.0,
HVM 13.8, HVM 16.6 and HVM 19.3

Parameters:

Please see pages 3 to 6.

Tested according to:

CEI 0-21:2022

Compliance Document

No. D 083373 0060 Rev. 01

The following generators meet the requirements of CEI 0-21:2022				
Section A	Manufacturer	GoodWe Technologies Co., Ltd. No. 90 Zijin Road, New District, 215011 Suzhou, PEOPLE'S REPUBLIC OF CHINA		
	Equipment type	Grid-interactive inverter with storage battery system		
	Brand	GOODWE		
	Number of phase	<input checked="" type="checkbox"/> Single phase <input type="checkbox"/> Three phase Frequency: 50Hz Voltage: a.c. 230V		
	Primary energy used	<input checked="" type="checkbox"/> Solar <input checked="" type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other: Note: GW3600-BH, GW5000-BH and GW6000-BH can be operated with battery input only, other models can be operated with both PV and battery inputs.		
	Generator model	GW3600-EH/ GW3600N-EH/ GW3600-BH	GW5000-EH/ GW5000N-EH/ GW5000-BH	GW6000-EH/ GW6000N-EH/ GW6000-BH
	Rated power	3600 W / 3960 VA	5000 W / 5500 VA	6000 W / 6600 VA
	The generator:	<input type="checkbox"/> is suitable for installation in systems with an output power of more than 11.08 kW <input checked="" type="checkbox"/> is capable of limiting Idc to 0.5% of rated current: <input checked="" type="checkbox"/> uses a DC-sensitive protection function <input type="checkbox"/> uses a transformer operating at mains frequency		



Compliance Document

No. D 083373 0060 Rev. 01

Section B	Characteristics of the interface protection system			
	Manufacturer	GoodWe Technologies Co., Ltd.		
	Model	GW3600-EH, GW5000-EH, GW6000-EH, GW3600N-EH, GW5000N-EH, GW6000N-EH, GW3600-BH, GW5000-BH, GW6000-BH		
	Type	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated		
Section C	Characteristics of inverter(s)			
	Model of inverter	GW3600-EH/ GW3600N-EH/ GW3600-BH	GW5000-EH/ GW5000N-EH/ GW5000-BH	GW6000-EH/ GW6000N-EH/ GW6000-BH
	Manufacturer of inverter	GoodWe Technologies Co., Ltd.		
	Firmware version	020210		
	Rated power of inverter (P _{NINV})	3600 W / 3960 VA	5000 W / 5500 VA	6000 W / 6600 VA

Compliance Document

No. D 083373 0060 Rev. 01

Characteristics of the Storage System (SdA)							
Representative Combination	GW3600-EH/ GW3600N-EH/ GW 3600-BH with HVM 8.3, HVM 11.0, HVM 13.8, HVM 16.6 and HVM 19.3	GW 5000-EH/ GW5000N-EH/ GW 5000-BH with HVM 8.3	GW 5000-EH/ GW5000N-EH/ GW 5000-BH with HVM 11.0	GW 5000-EH/ GW5000N-EH/ GW 5000-BH with HVM 13.8, HVM 16.6 and HVM 19.3	GW 6000-EH/ GW6000N-EH/ GW 6000-BH with HVM 8.3	GW 6000-EH/ GW6000N-EH/ GW 6000-BH with HVM 11.0	GW 6000-EH/ GW6000N-EH/ GW 6000-BH with HVM 13.8, HVM 16.6 and HVM 19.3
Psn (nominal discharge power)	3600	3600	4800	5000	4150	4800	6000
Pcn (nominal charging power)	-3600	-4100	-5000	-5000	-3600	-5400	-6000
Psmax (max. discharge power)	3600	3600	4800	5000	4150	4800	6000
Pcmx (max. charging power)	-3600	-4100	-5000	-5000	-3600	-5400	-6000
Type	<input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional						
Batteries that can be used with the above inverters							
Brand	BYD						
Technology	Li-Ion						
Models	HVM 8.3	HVM 11.0	HVM 13.8	HVM 16.6	HVM 19.3		
CUS module (kWh)	8.3	11.0	13.8	16.6	19.3		
BMS firmware version	V3.18						
Number of modules	3	4	5	6	7		
Note	Batteries are not contained in the inverter and should be installed according to local regulations and in accordance with BYD instruction.						

Compliance Document

No. D 083373 0060 Rev. 01

Section I	References of the laboratories that performed the tests and their test reports (RdP)		
	Selected method	<input checked="" type="checkbox"/> Tests performed under the supervision of a certification body	<input checked="" type="checkbox"/> Tests performed by an accredited laboratory
	Test Reports (RdP)	1) Test report according to Annex A, Annex B & Bbis: 70.409.20.019.13-00 and 70.409.20.019.13-01	2) EMC test report: a) ACWE-C1W1903019; b) GJSXW-WT0366
	Issued by	Testing lab: 1) GoodWe Technologies Co., Ltd. Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH	Testing lab: 2) -a) AUDIX Technology (Wujiang) Co., Ltd. EMC Dept. 2) -b) National Quality Supervision and Testing Center for Information Network Products(Jiangsu)
	Accreditation No.	D-ZE-11321-01-00	2) -a) CNAS L8469 2) -b) CNAS L1000
	Accreditation body ref.	DAKKS	CNAS
Section M	Reference of the certification body		
	Certification Body	TÜV SÜD Product Service GmbH DAKKS accreditation certificate D-ZE-11321-01-00 according to DIN EN ISO/IEC 17065:2013	