

# Compliance Document

No. D 083373 0082 Rev. 01

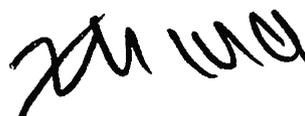
**Holder of Certificate:** **GoodWe Technologies Co., Ltd.**  
No. 90 Zijin Road  
New District  
215011 Suzhou  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**Grid interactive inverter**

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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092105210-01

**Date,** 2022-08-30



( Zhengdong Ma )



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**Model(s):** GW3600-EH, GW5000-EH, GW6000-EH,  
GW3600N-EH, GW5000N-EH, GW6000N-EH,  
GW3K-BH, GW3600-BH, GW5000-BH, GW6000-BH

**Parameters:**  
Please see pages 3 to 5.

**Tested according to:** XP C15-712-3:2019  
DIN V VDE V 0126-1-1/A1 (VDE V 0126-1-1/A1):2012 (with  
national deviation of France: DIN VDE 0126-1-1/A1 VFR 2019)

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Hybrid Inverter			
Model name	GW3600-EH	GW5000-EH	GW6000-EH
PV input parameters:			
Vmax PV	580 V d.c.		
Isc PV	15.2/15.2 A d.c.		
MPPT voltage range	100 - 550 V d.c.		
Max. input current	12.5/12.5 A d.c.		
Battery port parameters:			
Battery type	Li-Ion		
Voltage range	85 – 460 V d.c.		
max. charge current	25 A d.c.		
max. discharge current	25 A d.c.		
AC output (back-up) parameters:			
Rated voltage	230 V a.c.		
Frequency	50 Hz		
Max. apparent power	3600 VA	5000 VA	6000 VA
Max. output current	15.7 A a.c.	21.7 A a.c.	26.1 A a.c.
AC output (on-grid) parameters:			
Rated grid voltage	230 V a.c.		
Rated grid frequency	50 Hz		
Max. apparent output power	3600 VA	5000 VA	6000 VA
Max. output current	16 A a.c.	21.7 A a.c.	26.1 A a.c.
Power factor	1 (adjustable: 0.8cap...0.8ind)		
AC input parameters:			
Rated voltage	230 V a.c.		
Rated frequency	50 Hz		
Max. current from grid	32 A a.c.	43.4 A a.c.	52.2 A a.c.
Max. apparent power from grid	7200 VA	10000 VA	12000 VA
Others:			
Protective class	Class I		
Inverter topology	Non-isolated		
Operation temperature range	-25...60°C		
Ingress protection	IP65		
Overvoltage-category	DC II, AC III		

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Hybrid Inverter			
Model name	GW3600N-EH	GW5000N-EH	GW6000N-EH
PV input parameters:			
V <sub>max</sub> PV	580 V d.c.		
I <sub>sc</sub> PV	21.2/21.2 A d.c.		
MPPT voltage range	100 - 550 V d.c.		
Max. input current	16/16 A d.c.		
Battery port parameters:			
Battery type	Li-Ion		
Voltage range	85 – 460 V d.c.		
max. charge current	25 A d.c.		
max. discharge current	25 A d.c.		
AC output (back-up) parameters:			
Rated voltage	230 V a.c.		
Frequency	50 Hz		
Max. apparent power	3600 VA	5000 VA	6000 VA
Max. output current	15.7 A a.c.	21.7 A a.c.	26.1 A a.c.
AC output (On-grid) parameters:			
Rated grid voltage	230 V a.c.		
Rated grid frequency	50 Hz		
Max. apparent output power	3600 VA	5000 VA	6000 VA
Max. output current	16 A a.c.	21.7 A a.c.	26.1 A a.c.
Power factor	1 (adjustable: 0.8cap...0.8ind)		
AC input parameters:			
Rated voltage	230 V a.c.		
Rated frequency	50 Hz		
Max. current from grid	32 A a.c.	43.4 A a.c.	52.2 A a.c.
Max. apparent power from grid	7200 VA	10000 VA	12000 VA
Others:			
Protective class	Class I		
Inverter topology	Non-isolated		
Operation temperature range	-25...60°C		
Ingress protection	IP65		
Overvoltage category	II (DC), III (AC)		

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AC-Coupled Inverter				
Model name	GW3K-BH	GW3600-BH	GW5000-BH	GW6000-BH
Battery port parameters:				
Battery type	Li-Ion			
Voltage range	85 – 400 V d.c.	85 – 460 V d.c.		
max. charge current	32 A d.c.	25 A d.c.		
max. discharge current	32 A d.c.	25 A d.c.		
AC output (back-up) parameters:				
Rated voltage	230 V a.c.			
Frequency	50 Hz			
Max. apparent power	3000 VA	3600 VA	5000 VA	6000 VA
Max. output current	13.1 A a.c.	15.7 A a.c.	21.7 A a.c.	26.1 A a.c.
AC output (on-grid) parameters:				
Rated grid voltage	230 V a.c.			
Rated grid frequency	50 Hz			
Max. apparent output power	3000 VA	3600 VA	5000 VA	6000 VA
Max. output current	13.1 A a.c.	16 A a.c.	21.7 A a.c.	26.1 A a.c.
Power factor	1 (adjustable: 0.8cap...0.8ind)			
AC input parameters:				
Rated voltage	230 V a.c.			
Rated frequency	50 Hz			
Max. current from grid	26.2 A a.c.	32 A a.c.	43.4 A a.c.	52.2 A a.c.
Max. apparent power from grid	6000 VA	7200 VA	10000 VA	12000 VA
Others:				
Protective class	Class I			
Inverter topology	Non-isolated			
Operation temperature range	-25...60°C			
Ingress protection	IP65			
Overvoltage category	II (DC), III (AC)			