

Compliance Document

No. D 083373 0072 Rev. 00

Holder of Certificate: **JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.**

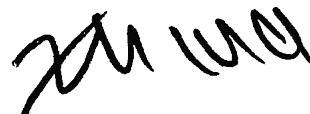
No. 90 Zijin Road
New District
215011 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Hybrid inverter and AC coupled 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.: 704092001921-00

Date, 2021-04-08



(Zhengdong Ma)

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Model(s): Hybrid inverter: GW3600-EH, GW5000-EH, GW6000-EH
 AC coupled inverter: GW3600-BH, GW5000-BH, GW6000-BH
 Storage battery system: BYD: HVS5.1, HVS7.7 and HVS10.2

Parameters:

| | | |
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| Hybrid inverter with storage battery system: | | |
| 1) Storage battery system parameters: | | |
| Battery Type | Li-ion | |
| Model | Manufacturer | Piece(s) of battery module recommended |
| HVS5.1 | BYD LITHIUM BATTERY Co., LTD | 2 |
| HVS7.7 | BYD LITHIUM BATTERY Co., LTD | 3 |
| HVS10.2 | BYD LITHIUM BATTERY Co., LTD | 4 |
| BMS firmware version | V3.22 | |
| 2) Hybrid inverter parameters: | | |
| Inverter model name | GW3600-EH, GW5000-EH, GW6000-EH | |
| a) PV input: | | |
| Max. input voltage | d.c. 580V | |
| MPP voltage range | d.c. 100-550V | |
| Max. input current | d.c. 2x12.5A | |
| Isc PV (absolute maximum) | d.c. 2x15.2A | |
| b) Battery input: | | |
| Battery voltage range | d.c. 80-450V | |
| Max. charge/discharge current | d.c. 25A/25A (GW3600-EH, GW5000-EH, GW6000-EH) | |
| c) AC-output (grid side): | | |
| Rated output voltage | a.c. 230V | |
| Rated output frequency | 50Hz | |
| Rated output power | 3600W (GW3600-EH) 5000W (GW5000-EH) 6000W (GW6000-EH) | |
| Max. apparent output power | 3960VA (GW3600-EH) 5500VA (GW5000-EH) 6600VA (GW6000-EH) | |
| Max. output current | a.c. 18A (GW3600-EH) a.c. 24A (GW5000-EH) a.c. 28.7A (GW6000-EH) | |

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| Hybrid inverter with storage battery system: | |
| Displacement factor | -0.9...1...+0.9 |
| d) AC-output (back-up): | |
| Rated output voltage | a.c. 230V |
| Rated output frequency | 50Hz |
| Rated output power | 3600W (GW3600-EH) 5000W (GW5000-EH) 6000W (GW6000-EH) |
| Rated output current | a.c. 15.7A (GW3600-EH) a.c. 21.7A (GW5000-EH) a.c. 26.1A (GW6000-EH) |
| e) AC-input | |
| Rated voltage | a.c. 230V |
| Rated output frequency | 50Hz |
| Current (Maximum continuous) | a.c. 32A (GW3600-EH) a.c. 43.4A (GW5000-EH) a.c. 52.2A (GW6000-EH) |
| f) Other parameters: | |
| Protection class: | I |
| Degree of protection: | IP65 |
| Overvoltage category: | II (PV), III (MAINS) |
| Ambient temperature: | -25°C...+60°C |
| Firmware version | 020210 |

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| AC coupled energy inverter with storage battery system: | |
| Displacement factor | -0.9...1...+0.9 |
| c) AC-output (back-up): | |
| Rated output voltage | a.c. 230V |
| Rated output frequency | 50Hz |
| Rated output power | 3600W (GW3600-BH) 5000W (GW5000-BH) 6000W (GW6000-BH) |
| Rated output current | a.c. 15.7A (GW3600-BH) a.c. 21.7A (GW5000-BH) a.c. 26.1A (GW6000-BH) |
| d) AC-input | |
| Rated voltage | a.c. 230V |
| Rated output frequency | 50Hz |
| Current (Maximum continuous) | a.c. 32A (GW3600-BH) a.c. 43.4A (GW5000-BH) a.c. 52.2A (GW6000-BH) |
| e) Other parameters: | |
| Protection class: | I |
| Degree of protection: | IP65 |
| Overvoltage category: | II (PV), III (MAINS) |
| Ambient temperature: | -25°C...+60°C |
| Firmware version | 020210 |

| DISPOSITIVO DI INTERFACCIA Interface Device | PROTEZIONE DI INTERFACCIA Interface Protection Device | DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device | DISPOSITIVO DI GENERAZIONE TOTANTE Rotating Device |
|--|--|--|---|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Tested according to:

CEI 0-21:2019/V1:2020