COMPLIANCE

# VERIFICATION OF COMPLIANCE

| | |
|---|---|
| No.: | GZES2504006743PV |
| Applicant: | Shenzhen Senergy Technology Co., Ltd.<br>Block D, BC Park, No. 18, Xiusha Road, Shatian Kengzi Sub-district, Pingshan District, Shenzhen, 518122, China |
| Manufacturer: | Shenzhen Senergy Technology Co., Ltd.<br>Block D, BC Park, No. 18, Xiusha Road, Shatian Kengzi Sub-district, Pingshan District, Shenzhen, 518122, China |
| Product Name: | ESS Inverter |
| Product Description: | Inverter used in PV and Battery system |
| Model No.: | SE 6KHB-D3/LV, SE 8KHB-D3/LV, SE 10KHB-T3/LV, SE 12KHB-T3/LV, SE 15KHB-T3/LV, SE 20KHB-T3/LV |
| Trade Mark: | Senergy |
| Rating: | See pages 2-3 |
| Protection against Electric Shock: | Class I |
| Degree of Protection: | IP65 |
| Additional Information: | Software version: 062001 |

Sufficient samples of the product have been tested and found to be in conformity with

| | |
|---|---|
| Test Standard: | IEC 61727:2004<br>IEC 62116:2014 |
| as shown in the<br>Test Report Number(s): | GZES250400674301<br>GZES250400674302 |

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.

David Guo
Technical Manager
SGS-CSTC Standards Technical Services Co., Ltd.

2026-06-11

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services Co., Ltd.
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA
www.sgsgroup.com.cn
Member of the SGS Group (SGS SA)

No.: GZES2504006743PV

Other information added:

Rating:

| Model | SE 6KHB-D3/LV | SE 8KHB-D3/LV | SE 10KHB-T3/LV | SE 12KHB-T3/LV | SE 15KHB-T3/LV | SE 20KHB-T3/LV |
|---|---|---|---|---|---|---|
| **Input (PV)** | | | | | | |
| Max. PV Input Voltage | 1000 V | | | | | |
| Start-up Voltage | 120 V | | | | | |
| MPPT Operating Voltage Range | 160 V-980 V | | | | | |
| PV Rated voltage [VDC] | 650 V | | | | | |
| Max. Input Current per MPPT | 20 A / 20 A | | 20 A / 20 A / 20 A | | | |
| Max. Short Circuit Current per MPPT | 30 A / 30 A | | 30 A / 30 A / 30 A | | | |
| Nos. of MPPT | 2 | | 3 | | | |
| String per MPPT | 1/1 | | 1/1/1 | | | |
| **Input/Output (BAT)** | | | | | | |
| Battery Type | Lithium-ion/Lead-acid | | | | | |
| No.of battery input | 2* | | | | | |
| Battery Voltage Range | 40 V-60 V | | | | | |
| Max. Charge/Discharge Current | 380A/ 150A | 380A/ 200A | 380A/ 250A | 380A/ 300A | 380A/ 350A | 380A/ 380A |
| Max. Charge/Discharge Power | 20000W/ 7200W | 20000W/ 9600W | 20000W/ 12000W | 20000W/ 14500W | 20000W/ 18000W | 20000W/ 20000W |
| **Output (Grid)** | | | | | | |
| Nominal AC Output Power | 6000 W | 8000 W | 10000 W | 12000 W | 15000 W | 20000 W |
| Max. AC Output Apparent Power | 6600 VA | 8800 VA | 11000 VA | 13200 VA | 16500 VA | 22000 VA |
| Nominal AC Output Current | 3*9.1A/3* 8.7A/3* 8.3A | 3*12.1A/ 3*11.6A/ 3*11.1A | 3*15.2A/ 3*14.5A/ 3*13.9A | 3*18.2A/ 3*17.4A/ 3*16.7A | 3*22.7A/ 3*21.7A/ 3*20.8A | 3*30.3A/ 3*29A/3* 27.8A |
| Max. AC Output Current | 3*10 A | 3*13.3 A | 3*16.7 A | 3*20 A | 3*25 A | 3*33.3 A |
| Max. Single Phase Power | 4300 W | 4300 W | 8500 W | 8500 W | 8500 W | 8500 W |
| Nominal Grid Voltage | 220 V / 380 V; 230 V / 400 V, 240 V / 415 V 3 W+N+PE | | | | | |
| Nominal Grid Frequency | 50 Hz / 60 Hz | | | | | |
| Power Factor | 60 Hz> 0.99 @rated power (Adjustable 0.8 LD - 0.8 LG) | | | | | |
| **Output (Back up)** | | | | | | |
| Nominal AC Output Power | 6000 W | 8000 W | 10000 W | 12000 W | 15000 W | 20000 W |
| Max. AC Output Apparent Power | 6600 VA | 8800 VA | 11000 VA | 13200 VA | 16500 VA | 22000 VA |

David Guo

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2026-06-11

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services Co., Ltd.
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA
www.sgsgroup.com.cn
Member of the SGS Group (SGS SA)

No.: GZES2504006743PV

Other information added:

Rating:

| | | | | | | |
|---|---|---|---|---|---|---|
| Nominal AC Output Current | 3*9.1A/3*8.7A/3*8.3A | 3*12.1A/3*11.6A/3*11.1A | 3*15.2A/3*14.5A/3*13.9A | 3*18.2A/3*17.4A/3*16.7A | 3*22.7A/3*21.7A/3*20.8A | 3*30.3A/3*29A/3*27.8A |
| Max. AC Output Current | 3*10 A | 3*13.3 A | 3*16.7 A | 3*20 A | 3*25 A | 3*33.3 A |
| Nominal Grid Voltage | 220 V / 380 V; 230 V / 400 V, 240 V / 415 V 3 W+N+PE | | | | | |
| Nominal Grid Frequency | 50 Hz / 60 Hz | | | | | |
| **Input (Generator)** | | | | | | |
| Max. Input Power | 30000 W | | | | | |
| Rated Input Voltage | 220 V / 380 V; 230 V / 400 V, 240 V / 415 V | | | | | |
| Rated input frequency | 50 Hz / 60 Hz | | | | | |
| **General Data** | | | | | | |
| Topology | Transformerless | | | | | |
| Operating temperature range | -25 ºC ~ +60 ºC (>45℃ derating) | | | | | |
| Degree of protection | IP65 | | | | | |
| Protection Class | Class I | | | | | |
| Cooling concept | FAN cooling | | | | | |
| Dimensions (W*H*D) | 460 mm*742 mm*266 mm | | | | | |
| Weight | Approx.50 kg | | | | | |
| *No.of battery input: If only one set of terminals is used, the max battery charge/discharge will be limited to 190 A. | | | | | | |

David Guo

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2026-06-11

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS-CSTC Standards Technical Services Co., Ltd.
16F, Century Yu Hui Mansion, No.73, Fucheng Road, Haidian District, Beijing, 100142, CHINA
www.sgsgroup.com.cn
Member of the SGS Group (SGS SA)