



<b>TEST REPORT</b> <b>CEC Guideline</b> <b>Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems</b>	
<b>Report Reference No.</b>	: GZES231102106801
<b>Tested by (name + signature)</b>	: Sunny Lin 
<b>Approved by (name + signature)</b>	: Roger Hu 
<b>Date of issue</b>	: 2023-12-06
<b>Testing Laboratory Name</b>	: SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
<b>Address</b>	: 198 Kezhu Road, Science City, Economic & Technology Development Area, Guangzhou, Guangdong, China
<b>Testing location / procedure</b>	: NRTL <input checked="" type="checkbox"/> WMT <input type="checkbox"/> TMP <input type="checkbox"/>
<b>Testing location / address</b>	: Same as above
<b>Applicant's name</b>	: Shenzhen Senergy Technology Co., Ltd.
<b>Address</b>	: Block D, BC Park, No.18, Xiusha Rd., Shatian Kengzi Sub-district, Pingshan District, Shenzhen, China.
<b>Test specification:</b>	
<b>Standard</b>	: Guidelines for California's Solar Electric Incentive Programs (Senate Bill 1) (Seventh Edition) (CEC-300-2018-009-CMF), Appendix III section C – "Inverters".
<b>Test procedure</b>	: Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems
<b>Non-standard test method</b>	: N/A
<b>Test item description</b>	: ESS Inverter
<b>Trademark</b>	: Senergy
<b>Model/Type reference</b>	: SE 5KHB-130-D2/UL, SE 6KHB-130-D2/UL, SE 7K6HB-180-T2/UL, SE 8KHB-180-T2/UL, SE 10KHB-210-T2/UL
<b>Software version control:</b>	051001
<b>Rating(s)</b>	: Refer to the page 3 to 5 of this report
<b>Manufacturer</b>	: Shenzhen Senergy Technology Co., Ltd.
<b>Address</b>	: Block D, BC Park, No.18, Xiusha Rd., Shatian Kengzi Sub-district, Pingshan District, Shenzhen, China.
<b>Sample Series#</b>	: 2324-20060081PH



**Testing**

Date of receipt of test item ..... : 2023-07-13;  
 Date(s) of performance of test ..... : 2023-07-13 to 2023-07-24;  
 2023-10-22 to 2023-11-19

**General remarks**

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This report is based on the original report: GZES220601160801, dated 2023-09-08, with following changes and/or additions:

- Corrected the enclosure protection level in the electrical parameters on page 4;
- Corrected voltage on page 5;
- Corrected the model on page 7.

This report is based on the original report: GZES231001796701, dated 2023-10-09, with following changes and/or additions:

- Update report to add new variant model SE 5KHB-130-T2/UL and SE 6KHB-130-T2/UL and update the trade mark ;
- Added new test data SE 7K6HB-180-T2/UL Test at output 208V.

Throughout this report a  comma /  point is used as the decimal separator.