

# Certificate of Conformity

Certificate Number: CN-PV-230160

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

<b>Applicant:</b>	Shenzhen Senergy Technology Co., Ltd Block D, BC Park, No.18, Xiusha Rd., Shatian, Kengzi Sub-district, Pingshan District, 518112 Shenzhen P.R. China
<b>Product:</b>	ESS Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	SE 5KHB-60, SE 5KHB-120, SE 6KHB-60, SE 6KHB-120
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	IEC 61683:1999
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
<b>Test Report No.&lt;s&gt;:</b>	230307113GZU-001

Additional information in Appendix.



Signature

**Certification Manager: Grady Ye**

**Date: 6 April 2023**



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230160

Model	SE 5KHB-60	SE 5KHB-120	SE 6KHB-60	SE 6KHB-120
PV input				
PV Max.Input voltage [V] .....	550			
MPP input voltage range [V]..... :	90-520			
MPPT voltage range @full load[V].....:	230-480			
Nominal input voltage range [V] .....	360			
Max. input DC current [A] .....	15/15			
AC output				
Nominal output AC voltage [V] .....	220/230			
AC output frequency [Hz] .....	50/60			
Rated output AC current [A] .....	25.0	25.0	27.2	27.2
Nominal active output power [kW] ... :	5.0	5.0	6.0	6.0
Max. apparent output power [kVA] .. :	5.5	5.5	6.0	6.0
AC input				
Nominal input AC voltage [V]..... :	220/230			
Max. input AC current [A]..... :	28.6	41.0	28.6	41.0
AC input frequency [Hz] .....	50/60			
Battery charge/discharge				
Battery voltage [V] .....	48			
Battery voltage range[V] .....	48-60			
Battery charge/discharge current [A]:	60	60	60	60
Software version .....	060101			

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