Certificate of Conformity

Certificate Number: CN-PVES-240546

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.

Applicant:	Huizhou Epever Technology Co.,Ltd. No. 6 Laowu Road, Start-up Area of China-Korea (Huizhou) Industrial Park, Zhongkai District, Huizhou City, Guangdong Province, China
Product:	Residential Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ELS3K,ELS3K6,ELS4K,ELS4K6,ELS5K,ELS6K
Brand Name<s>:	EPEVER
Product Complies with:	EN 50549-1: 2019, Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including type B EN 50549-10:2022, Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units Type approval for type A and B
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd 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
Test Report No.<s>:	240724137GZU-001, 22 Nov 2024

According to Annex H of the standard EN 50549-1:2019, generating plants compliant with the clauses of this European Standard are considered to be compliant with the relevant Article of COMMISSION REGULATION (EU) 2016/631, provided that all settings as provided by the DSO and the responsible party are complied with.
Additional information in Appendix.

Signature

Certification Manager: Grady Ye
Date: 16 December 2024

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-PVES-240546

Models	ELS3K	ELS3K6	ELS4K	ELS4K6	ELS5K	ELS6K
Nominal Apparent Power Output to Utility Grid (VA)	3000	3680	4000	4600	5000	6000
Nominal Battery Voltage (V)	48V					
Battery Input Data						
Battery Type	Lithium/Lead-acid					
Battery Voltage Range (V)	42-63					
Max. Continuous Charging/Discharging Current (A)	75	80	85	100	110	120
PV String Input Data						
Max. Input Power (W)	4500	5400	6000	6900	7500	9000
Max. Input Voltage (V)	580					
MPPT Operating Voltage Range (V)	100-550					
Start-up Voltage (V)	100					
Nominal Input Voltage (V)	360					
Max. Input Current per MPPT (A)	16					
Max. Short Circuit Current per MPPT (A)	19.2					
Number of MPPTs/Number of Strings per MPPT	1/1		2/1			
AC Output Data (On-grid)						

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Max. Apparent Power Output to Utility Grid (VA)	3300	4050	4400	5060	5500	6600
Nominal Output Voltage (V)	230					
Nominal AC Grid Frequency (Hz)	50					
Max. AC Current Output to Utility Grid (A)	14.3	17.6	19.1	22	23.9	28.6
Max. AC Current From Utility Grid (A)	28.6	35.2	38.2	43	47.8	55
Power Factor	0.8 un to 0.8 ov					
Software version	V1.000					

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