Test Verification of Conformity

Verification Number: 250527255GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

This document can be used in support of a claim in meeting relevant EU legislation and mandatory Conformity Marking. And in accordance with EU / UK law, the claim is the sole obligation of the Manufacturer/ Importer.

Applicant Name & Address:	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 Description:	On-grid PV Inverter
Ratings & Principal Characteristics:	See appendix of Verification of Conformity
Models/Type References:	SPT25KTL-AM, SPT30KTL-AM, SPT36KTL-AM, SPT40KTL-AM
Brand Names:	EPEVER
Specification<s>/Standards:	IEC/EN 62109-1:2010 IEC/EN 62109-2:2011 Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch. Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	28 May 2025 –11 Jun 2025
Test Report Number(s):	250527255GZU-001, 2025-06-18 250527255GZU-002, 2025-06-18

Signature

Name: Elly Han
Position: Project Manager
Date: 25 Jun 2025

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 250527255GZU-VOC001

Models	SPT25KTL-AM	SPT30KTL-AM	SPT36KTL-AM	SPT40KTL-AM
PV String Input Data				
Max. Input Voltage (V)	800 Vd.c.			
MPPT Operating Voltage Range (V)	180-760 Vd.c.			
Nominal Input Voltage (V)	450 Vd.c.			
Max. Input Current per MPPT (A)	32 Ad.c.			
Max. Short Circuit Current per MPPT (A)	40 Ad.c.			
Number of MPPTs/Number of Strings per MPPT	4/2			
AC Output Data (On-grid)				
Max. Apparent Power Output to Utility Grid (VA)	27500 VA	33000 VA	39600 VA	40000 VA
Nominal Output to Utility Grid (W)	25000 W	30000 W	36000 W	40000 W
Nominal Output Voltage (V)	120/208, 127/220, 139/240 Va.c., 3+N+PE			
Nominal AC Grid Frequency (Hz)	50/60			
Nominal AC Current Output to Utility Grid (A)	69.4/65.6/61.2 Aa.c.	83.3/78.7/72.2 Aa.c.	100/94.5/86.6 Aa.c.	111/105/96.2 Aa.c.
Max. AC Current Output to Utility Grid (A)	76.4 Aa.c.	91.7 Aa.c.	110 Aa.c.	117 Aa.c.
Power Factor	0.8 un to 0.8 ov			
General				
Operating Temperature Range [°C]	-30 to +60			
Ingress Protection	IP65			
Protective Class	I			
The Software version	V1.0			

Signature

Name: Elly Han
Position: Project Manager
Date: 25 Jun 2025

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