

Certificate of Conformity

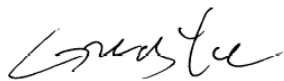
Certificate Number: CN-PVES-240137

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:	REFU Elektronik GmbH Marktstrasse 185, 72793 Pfullingen, Germany
Product:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	REFUso1 110K-10T, REFUso1 125K-10T, REFUso1 125K-10T-A
Brand Name<s>:	
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 Type approval for type B
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd 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>:	240307094GZU-001, 09 April 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: 18 April 2024



PRD N° 306B

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240137.

Model	REFUso1 110K-10T	REFUso1 125K-10T	REFUso1 125K-10T-A
Max. DC input Voltage	1100Vdc		
Operating MPPT voltage range	180Vdc – 1000Vdc		
Max. Input current	40A*10		
PV Isc	50A*10		
Nominal AC output voltage	3/N/PE 230Vac/400Vac		
Nominal AC output Frequency	50/60Hz		
Max. AC output current	159.5A	181.2A	181.2A
Rated Output power	100.0KW	110.0KW	125.0KW
Max.Output Power	110.0KVA	125.0KVA	125.0KVA
Power factor	1(adjustable +/-0.8)		
Safety level	Class I		
Ingress Protection	IP 66		
Operation Ambient Temperature	-30°C - 60°C		
Software version	V000001		

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