



Test Verification of Conformity

Verification Number: 240307092GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	REFU Elektronik GmbH Marktstrasse 185, 72793 Pfullingen, Germany
Product Description:	Solar Grid-tied Inverter
Models/Type References:	REFU sol 110K-10T , REFU sol 125K-10T, REFU sol 125K-10T-A
Ratings & Principle Characteristics:	See Appendix
Brand Name(s):	
Standard(s)/Directive(s):	ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4 (2020-09) EN 62479:2010 EN IEC 61000-6-4:2019 EN IEC 61000-6-2:2019 Radio Equipment Directive (2014/53/EU) – Article 3.1(a)(health), 3.1(b) & article 3.2
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	-
Test Report Number(s):	240307092GZU-001,002,003,004

Additional information in Appendix.



Signature

Name: Sky Zhu

Position: Team Leader

Date: 13 May 2024

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240307092GZU-VOC001.

Ratings & Principle Characteristics:

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		



Signature

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Position: Team Leader

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