

# Certificate of Conformity

Certificate Number: CN-PVES-240336

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>	REFU Elektronik GmbH Marktstrasse 185, 72793 Pfullingen, Germany
<b>Product:</b>	Solar Grid-tied Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	REFUso1 250K-6T, REFUso1 330K-6T, REFUso1 330K-8T REFUso1 350K-6T, REFUso1 350K-8T
<b>Brand Name&lt;s&gt;:</b>	<b>REFUso1</b>
<b>Product Complies with:</b>	EN 50549-2: February 2019 Requirements for generating plants to be connected in parallel with distribution networks Part 2: Connection to a MV distribution network - Generating plants up to and including Type B
<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>	240618144GZU-002, 09 July 2024

According to Annex H of the standard EN 50549-2:2019, 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: 17 July 2024



PRD N° 306B

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240336.

Model	REFUsoI 250K-6T	REFUsoI 330K-6T	REFUsoI 330K-8T	REFUsoI 350K-6T	REFUsoI 350K-8T
<b>DC Input</b>					
Max. input voltage	1500 V				
MPPT operating voltage range	500 V~1500 V				
Max. input current	6*60A	6*80A	8*60A	6*80A	8*80A
Max. PV Isc	6*100A	6*100A	8*100A	6*100A	8*100A
<b>AC Outputf</b>					
Nominal grid voltage	3/PE,800Vac				
Nominal grid frequency	50Hz/60Hz				
Nominal Output Power	250kW	330kW		352kW	
Max. Output Power	250kVA	330kVA		352kVA	
Max. Output Current	180.5A	238.2A		254.1A	
Power factor	1(adjustable +/-0.8)				
<b>General Data</b>					
Safety level	Class I				
Ingress Protection	IP 66				
Operation Ambient Temperature	-30°C - +60°C				
Topology	Transformerless				

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.