


Certificate of Conformity

Certificate Number: CN-PV-230422

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:	REFU _{sol} 15K-2T (853P015.200) REFU _{sol} 17K-2T (853P017.200) REFU _{sol} 20K-2T (853P020.200) REFU _{sol} 22K-2T (853P022.200) REFU _{sol} 24K-2T (853P024.200)
Brand Name<s>:	
Product Complies with:	IEC 61683: 1999, Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
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>:	230524089GZU-004

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 26 July 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230422

Model	REFUso1 15K-2T (853P015.200)	REFUso1 17K-2T (853P017.200)	REFUso1 22K-2T (853P022.200)	REFUso1 20K-2T (853P020.200)	REFUso1 24K-2T (853P024.200)
Max. DC input voltage	1100V				
Max. Input current	26A/26A				
Max. PV Isc	36A/36A				
Nominal Grid voltage	3/N/PE, 230V/400V				
Rated Output Current	3*21.7A	3*24.6A	3*31.9A	3*29.0A	3*34.8A
Nominal Grid frequency	50/60Hz				
Rated output Power	15000W	17000W	22000W	20000W	24000W
Rated Apparent Power	15000VA	17000VA	22000VA	20000VA	24000VA
Max. Output power	16500VA	18700VA	24200VA	22000VA	26400VA
Power Factor	1(adjustable +/-0.8)				
Ingress Protection	IP65				
Operating Temperature Range	-30°C ~ +60°C				
Protective Class	Class I				
Software version	V010000				

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