



# Conformity Declaration



REFU Elektronik GmbH  
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KoE-R-23003

<b>Inverter Type</b>	REFUsoI 15K-2T (853P015.200) REFUsoI 17K-2T (853P017.200) REFUsoI 20K-2T (853P020.200) REFUsoI 22K-2T (853P022.200) REFUsoI 24K-2T (853P024.200)		
<b>Use in accordance with regulations:</b>  Automatic disconnection device with three-phase mains surveillance in accordance with EN 50549-1:2019 for photovoltaic systems with a three-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverter.  <b>Applied rules and standards</b>  <b>EN 50549-1:2019</b> Requirements for generating plants to be connected in parallel with distribution networks - Part 1-1: Connection to a LV distribution network - Generating plants up to and including Type B  <b>DIN V VDE V 0126-1-1:2006-02 (Functional safety)</b> The following deviations for Greece according to EN 50549-1:2019 were applied: Under Voltage limit stage 1: 184,0V; Upper voltage limit stage 1: 264,5V, Under Voltage limit stage 2: 115,0V; Upper voltage limit stage 2: 287,5V, Under frequency limit stage 1: 47,5Hz, Upper frequency limit stage 1: 51,5Hz Under frequency limit stage 2: 47,0Hz, Upper frequency limit stage 2: 52,0Hz  At the time of issue of this certificate the safety concept of a representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.			
Pfullingen	Valid from 08.08.2023		i.A. 
Location	Date	Rainer Thiele Managing Director REFU Elektronik GmbH	Kostas Kontogiannis Director Service REFU Elektronik GmbH

We reserve the right to make changes in the conformity declaration. Presently applicable edition can be obtained upon request.