

Conformity Declaration





REFU Elektronik GmbH
 Marktstraße 185, 72793 Pfullingen / Germany

KoE-R-24006

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The following electronic devices comply with the following rules and standards.

Type	Photovoltaic inverter REFU_{sol} 25K-3T (853P025.000) REFU_{sol} 33K-3T (853P033.000) REFU_{sol} 50K-4T (853P050.000)		
Applied rules and standards:			
DIN V VDE V 0126-1-1:2013.08	Automatic disconnection device between a generator and the public low-voltage grid		
DIN VDE V 0124-100:2020-06	Low-voltage – Test requirements for generator units to be connected to and operated in parallel with low-voltage distribution networks		
VDE-AR-N 4105	Technical minimum requirements for the connection to and parallel operation with low-voltage distribution networks		
VDE AR-N 4110	Technical requirements for the connection and operation of customer installations to the medium voltage network (TCR medium voltage)		
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		
EN 50549-2:2019	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		
IEC 62116:2008	Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters		
IEC 61727:2004	Characteristics of the utility interface		
IEC 61683:1999	Photovoltaic systems – Power conditioners – Procedure for measuring efficiency		
Pfullingen	Valid from 27.03.2024	i.A. 	i.A. 
Location	Date	Markus Feth Director Innovation, R&D 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.