

Conformity Declaration



REFU Elektronik GmbH
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KoE-R-24003

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

The following electronic devices comply with the EC-directives and guidelines:

- Directive 2014/35/EU Electrical equipment designed for use within certain voltage limits
- Directive 2014/30/EU Electromagnetic compatibility directive
- Directive 2014/53/EU Radio equipment directive

Type	Photovoltaic inverter REFU_{sol} 110K-10T (854P110.000) REFU_{sol} 125K-10T (854P125.000)		
Safety			
IEC 62109-1:2020	Safety of power converters for use in photovoltaic power systems Part 1: General requirements		
IEC 62109-2:2011	Safety of power converters for use in photovoltaic power systems Part 2: Particular requirements for inverters		
EMC – Compatibility - Immunity			
EN 61000-6-1:2016	Part 6-1: Generic standards - Immunity standard for residential, commercial, and light-industrial environments		
EN 61000-6-2:2005	Part 6-2: Generic Standards – Immunity for industrial environments		
EMC – Compatibility - Emission and Wideband transmission systems			
EN 61000-6-3:2007	Part 6-3: Generic standards. Emission standard for residential, commercial, and light-industrial environments		
EN 61000-6-4:2007 + A1:2011	Part 6-4: Generic standards – Emission standard for industrial environments		
EN 61000-3-12:2011	Part 3-12: Limits – Limits for harmonic currents produced by equipment connected to public low voltage systems with input current between 16A and 75A per phase		
EN 61000-3-11:2001	Part 3-11: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems; Equipment with rated current <= 75A and subject to conditional connection		
EN 300 328 V2.1.1:2017	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques		
EN 301 489-17 V3.1.1:2017	Part 17: Specific conditions for Broadband Data Transmission Systems		
EN 301 489-1 V2.1.1: 2017	Part 1: Common technical requirements		
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.