

Conformity Declaration



REFU Elektronik GmbH
 Marktstraße 185, 72793 Pfullingen / Germany

KoE-R-24013

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 REFUsol 20K-3T (853P020.010)		
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 19.11.2024	i.A. 	i.A. 
Location	Date	Mukund Shendge Product Management 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.