



Conformity Declaration



REFU Elektronik GmbH
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KoE-NE-20003

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

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

Type		Photovoltaic inverter REFUsoI 50K-3T (851P050)	
Safety			
IEC 62109-1:2010		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 61000-6-2:2005		Electromagnetic Compatibility (EMC) Part 6-2: Generic Standards - Immunity for industrial environments	
EMC-Compatibility - Emission			
EN 61000-3-12:2011		Electromagnetic Compatibility (EMC) - 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		Electromagnetic Compatibility (EMC) - Part 3-11: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems; Equipment with rated current <= 75 A and subject to conditional connection	
EN 61000-6-4:2007 + A1:2011		Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments	
Pfullingen	Valid from 2020-01-23		
location	date	Christian Buchholz Head of Product Management	Ronald Kiebler Head of Hardware R&D

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