



Conformity Declaration



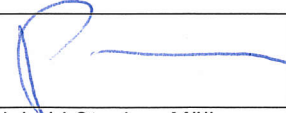
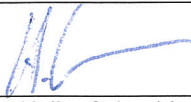
REFU Elektronik GmbH
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KoE-NE-20006

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

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

Type	Photovoltaic inverter REFU_{sol} 100K 880P100		
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 and Wideband transmission systems			
EN 301489-1:2017	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		
EN 301489-17:2017	Electromagnetic Compatibility (EMC) standard for radio equipment and services - Part 17: Specific conditions for Broadband Data Transmission Systems		
EN 300328:2016	Wideband transmission systems - data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques		
EN 61000-3-11:2000	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 61000-3-12:2011	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 61000-6-4:2007 + A1:2011	Electromagnetic Compatibility (EMC) - Part 6-4: Generic Standards - Emission standard for industrial environments		
Pfullingen	Valid from 2020-03-03		 i.V.
location	date	Reinhold Stephan Müller Geschäftsführer CFO	Heiko Schneider Leiter Entwicklung Head of R&D

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