



Conformity Declaration

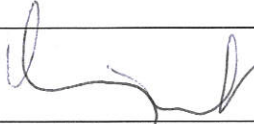
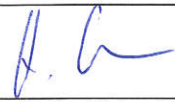


REFU Elektronik GmbH
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KoE-NE-16002

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

- Directive 2006/95/EC Electrical equipment designed for use within certain voltage limits
- Directive 2004/108/EC Relating to electromagnetic compatibility

Type	REFUso1 40K, 46K 840P040, 840P046		
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		
EN 60529:1991 + A1:2000 + A2:2013	Degrees of protection provided by body (IP-Code)		
DIN VDE V 0126-1-1:2013-08	Automatic disconnection device between a generator and the public low-voltage grid		
EMC-Compatibility - Immunity			
EN 61000-6-1:2007	Electromagnetic Compatibility (EMC) Part 6-1: Generic Standards - Immunity for residential, trade and light-industrial environments		
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 61000-3-11:2000	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 61000-6-4:2007 + A1:2011	Electromagnetic Compatibility (EMC) - Part 6-4: Generic Standards - Emission standard for industrial environments		
Pfullingen	Valid from 2016-03-31		i.V. 
location	date	Hartmut Riegert Geschäftsführer Chief Executive Officer	Heiko Schneider Leiter Entwicklung Solar Head of R&D Solar

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