Conformity Declaration

CE

REFU

REFU Elektronik GmbH
Marktstraße 185, 72793 Pfullingen / Germany

KoE-R-24004

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 350K-8T (850P350.000)**
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 62311:2020	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)
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. Markus Feth	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.