



EU Declaration of Conformity

This declaration applies to the following products manufactured by instagrid GmbH and includes all types listed below.

Product name:

instagrid ONEmax
901-0000x
(where x is in the range of 1 to 4)

Manufacturer:

instagrid GmbH
Hermann-Hagenmeyer-Straße 1
71636 Ludwigsburg
GERMANY

We herewith declare that said products are in conformity with the provisions of the following EU directives including all applicable amendments:

2014/53/EU	Radio Equipment Directive (RED)
2014/35/EU	Low Voltage Directive (LVD)
2014/30/EU	Electromagnetic Compatibility (EMC) Directive
2011/65/EU	Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS 2)
2012/19/EU	Waste Electrical and Electronic Equipment (WEEE) Directive

List of harmonized standards that were found to be applicable:

EN ETSI 300328 V2.2.2		Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
ETSI EN 301 489-1 V2.2.3	(Class A)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
ETSI EN 301 489-17 V3.2.4		ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility
EN 62368-1:2014 + AC:2015		Audio/video, information and communication technology equipment - Part 1: Safety requirements
EN 55032:2015 + A11:2020	(Class B)	Electromagnetic compatibility of multimedia equipment - Emission Requirements
EN 55035:2017	(Class A)	Electromagnetic compatibility of multimedia equipment - Immunity requirements
EN IEC 61000-6-2:2019		Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
EN IEC 61000-3-2:2019		Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013 + A1:2019		Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN IEC 63000:2018		Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

REACH – declaration of conformity

The abovementioned products are in compliance to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). The substances listed in SVHC Candidate List of ECHA from 19.01.2021 are neither deliberately added to the product nor expected to be in it. Therefore, we do not perform routine analyses on this matter by ourselves, nor do we require this from our suppliers, but confirm compliance based on the declarations of our suppliers.

This declaration is hereby signed on behalf of instagrid GmbH:

Place and date of issue: **Ludwigsburg 20.01.2022**

DocuSigned by:

Dr. Andreas Sedlmayr

Andreas Sedlmayr, CEO

DocuSigned by:

Dr. Sebastian Benning

Sebastian Benning, CEO