



instagrid GmbH | Hermann-Hagenmeyer-Straße 1 | 71636 Ludwigsburg | GERMANY

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
(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 A)	Electromagnetic compatibility of multimedia equipment - Emission Requirements
EN 55035:2017	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

This declaration is hereby signed on behalf of instagrid GmbH:

Place and date of issue: **Ludwigsburg 07.06.2023**

DocuSigned by:

Andreas Sedlmayr

Andreas Sedlmayr, CEO
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DocuSigned by:

Sebastian Berning

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Sebastian Berning, CEO