



EU DECLARATION OF CONFORMITY

Product Type: **Single Phase Hybrid Inverter**

Models covered: **HY5K1EU1, HY6K1EU1, HY8K1EU1**

We declare under our sole responsibility that the above-mentioned products are in conformity with, and CE-marked under, the following Directives and standard(s):

- **EMC Directive – 2014/30/EU**
- **Radio Equipment Directive 2014/53/EU**
- **Low Voltage Directive – 2014/35/EU**
- **Restriction of the use of certain Hazardous Substances Directive - 2011/65/EU and 2015/863/EU**

Compliance of these products with the essential requirements of the above Directives are fulfilled through the application of the following standards:

- **EMC Directive**

- EN IEC 61000-6-1: 2019 - Generic standards Immunity for residential, commercial, and light-industrial environments**
- EN IEC 61000-6-3: 2021- Generic standards - Emission standard for equipment in residential environments**

- **Radio Equipment Directive**

- EN 300 328 V2.2.2 - Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques**
- EN IEC 62311:2020 - Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)**
- EN 50665:2017 - Generic standard for assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)**
- EN 301 489-1 V2.2.3 - Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements**
- 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**
- EN 62479:2010 - Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)**
- EN 50663:2017 - Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields(10MHz-300GHz)**

- **Low Voltage Directive**

- EN62109-1: 2010 - Safety of power converters for use in photovoltaic power systems – Part 1: General requirements**
- EN62109-2: 2011 - Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters**

- **Restriction of the use of certain Hazardous Substances Directive**

- EN IEC 63000:2018: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances**


Authorized European representative: **Schneider Electric SE, 35 rue Joseph Monier, 92500 Rueil Malmaison - France**

Year CE-mark first affixed: 2024

Signed on: **May 9, 2024**

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DocuSigned by:



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