

## EU DECLARATION OF CONFORMITY

Product Type: Three Phase Hybrid Inverter

Models covered: HY8K3EU1, HY10K3EU1, HY14K3EU1

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):

- Low Voltage Directive – 2014/35/EU
- EMC Directive – 2014/30/EU
- Radio Equipment Directive 2014/53/EU
- Restriction of the use of certain Hazardous Substances Directive – 2011/65/EU and 2015/863
- Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) Directive – EC 1907/2006

Compliance of these products with the above Directives is confirmed through the application of the following harmonized standards:

- EMC Directive

- EN61000-6-1: 2019 - Generic standards - Immunity for residential, commercial, and light-industrial environments
- EN61000-6-3: 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 band
- EN 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
- EN60529:1991/A2:2013/AC:2019-02 - Degrees of protection provided by enclosures

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