



EU DECLARATION OF CONFORMITY

Product Type: **Inverter – for Land Vehicle and Marine Vessel Applications**

Models covered: **Freedom X 2000 (230VAC), Part Number: 817-2000-12**

We declare under our sole responsibility that the above-mentioned products are in conformance with, and CE-marked under, the following Directives and standards and/or legislation:

- EMC Directive [EMCD] – 2014/30/EU
- Low Voltage Directive [LVD] – 2014/35/EU
- Restriction of the use of certain Hazardous Substances Directive [RoHSD] – 2011/65/EU + (EU) 2015/863

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 standard - Immunity for residential, commercial and light-industrial environments
- EN61000-6-3:2007+A1:2011+AC:2012 Generic standard - Emission standard for residential, commercial, light-industrial environments
- EN61000-3-2:2014 Limits for harmonic current emissions (input current $\leq 16A$ per phase)
- EN61000-3-3:2013 Limits of voltage changes, voltage fluctuations, and flicker (rated current $\leq 16A$ per phase)

- Low Voltage Directive

- EN62477-1:2012/A11:2014+A1:2017 - Safety requirements for power electronic converter systems and equipment – Part 1: General

- RoHS Directive

- EN 50581:2012 - Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Year CE-mark first affixed: **2020**

Signed on: **2020-07-23**

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