

Declaration of Conformity

(in accordance with ISO/IEC 17050-1:2004)

NRG Systems Document Number: 7737, Rev G

Supplier: NRG Systems

SUPPLIER ADDRESS: 110 Riggs Road, Hinesburg, VT 05461, USA
 Telephone: 802 482 2255, Fax: 802 482 2272
 Email: sales@nrgsystems.com

Declares under its sole authority that the Products: IceFree Hybrid™ XT Turbine Control Sensors, including:

IceFree Hybrid™ XT Vane	Item 4715
IceFree Hybrid™ XT Anemometer	Item 4718
IceFree Hybrid™ XT 4-20 mA Vane CW	Item 5762
IceFree Hybrid™ XT 4-20 mA Anemometer 50 m/s	Item 5763
IceFree Hybrid™ XT Push/Pull Active Low Vane	Item 7894
IceFree Hybrid™ XT Push/Pull Output Anemometer	Item 7901
IceFree Hybrid™ XT 4-20 mA Vane Counter-CW	Item 9362
IceFree Hybrid™ XT Push/Pull Active High Vane	Item 9363
IceFree Hybrid™ XT 4-20 mA Anemometer 60 m/s	Item 9365
IceFree Hybrid™ XT Push/Pull Anemometer, FW90	Item 9387
IceFree Hybrid™ XT 4-20 mA Anemometer 100 m/s	Item 9392
IceFree Hybrid™ XT Push/Pull Anemometer, Low Freq	Item 9425
IceFree Hybrid™ XT Cable Assembly 300V 10M	Item 9234
IceFree Hybrid™ XT Cable Assembly 300V 20M	Item 9319
IceFree Hybrid™ XT Cable Assembly 600V 12M	Item 8797
IceFree Hybrid™ XT Personality module	Item 3798

are in conformity with the requirements of the relevant Union harmonization legislation and technical specifications below:

EMC:

Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast)

**EN 61326-1:2013 Electrical equipment for measurement, control, and laboratory Use - EMC requirements;
Clause 7.2:**

CISPR 11 Edition 5.0: 2009, A1:2010 Radiated Emissions, Group 1, Class A

EN 61326-1:2013; Table 1:

IEC 61000-4-2: 2008	Electrostatic Discharge
IEC 61000-4-3: 2006, A1: 2007, A2: 2010	Radiated Immunity
IEC 61000-4-4: 2004, A1: 2010	EFT/Burst, I/O Ports
IEC 61000-4-5: 2005	Surge Immunity, I/O Ports
IEC 61000-4-6: 2008	Conducted Immunity, I/O Ports

RoHS:

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Safety:

Directive 2001/95/EC of the European Parliament and of the Council of 3 December 2001 on general product safety

IEC 61010-1:2010-06 Safety requirements for electrical equipment for measurement, control, and laboratory use

Additional Information:

1. This product complies with the requirements of the applicable directives **2014/30/EU**, **2011/65/EU**, and **2001/95/EC** and therefore, the product is CE marked in accordance with **93/68/EEC**.
2. All circuits are extra low voltage (ELV), therefore *Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits*, known as the Low Voltage Directive (LVD), does not apply.
3. FCC compliance is demonstrated with compliant CISPR data.
4. The design documentation, test reports, and assessment laboratory accreditation are under document control in NRG Systems, Engineering Department.

Issued at Hinesburg, VT, USA
5 January 2021



Michael Purdue, VP of Engineering