Declaration of Conformity

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

NRG Systems Document Number: 19080 Rev A

Supplier: NRG Systems, Inc.

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Declares under its sole authority that the Products: NRG BP65 Barometric Pressure Sensor, including:

Sensor, Barometric Pressure, BP65, 1.5m Cable	Item 9453
Sensor, Barometric Pressure, BP65C, 1.5m Cable, Calibrated	Item 9454
Sensor, Barometric Pressure, BP65, 67m Cable	Item 9455
Sensor, Barometric Pressure, BP65, 90m Cable	Item 9456
Sensor, Barometric Pressure, BP65, 110m Cable	Item 9457

are in conformity with the requirements of the relevant European 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 harmonization 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

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RoHS:

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

Delegated Directive 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances

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+AMD1:2016 CSV Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements

Additional Information:

1. This product complies with the requirements of the applicable directives **2014/30/EU, 2011/65/EU**, and standard **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 harmonization 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 verified by compliant CISPR data per 47 CFR 15.109.
4. The design documentation, test reports, and assessment laboratory accreditation are under document control in NRG Systems, Engineering Department.

Issued at Hinesburg, VT, USA
11 July 2023

Michael D. Purdue, Vice President of Engineering