



## UKCA Declaration of Conformity



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This declaration of conformity is issued under the sole responsibility of the manufacturer:

**iRobot Corporation**  
**8 Crosby Drive**  
**Bedford, MA 01730, USA**  
**Web: [www.irobot.com](http://www.irobot.com)**

Hereby declares that the products: **Floor Cleaning Robot**

Product identification: **Roomba Essential and Roomba Essential Combo, Regulatory Model RVG-Y1** Wi-Fi connected Vacuum Cleaning Robot. The Combo version includes Mopping Function. The Roomba Essential RVG-Y1 contains the Espressif Radio Module Model ESP32-S3-WROOM-1.

Year of UKCA Marking: **2024**

are in conformity and verified through testing with the provisions of the following UK Regulations when installed in accordance with the installation instructions contained in the product documentation. The Technical Construction File (TCF) is maintained at 8 Crosby Drive, Bedford, MA 01730, USA.

<b>Radio Equipment Regulations 2017, as amended:</b> <ul style="list-style-type: none"><li>ETSI EN 300 328 V2.2.2</li></ul>	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
<b>The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, as amended:</b> <ul style="list-style-type: none"><li>BS EN 63000:2018</li></ul>	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (IEC 63000:2016), replaces standard EN 50581:2012 for assessing the technical documentation in support of compliance assessment of Directive 2011/65/EU (RoHS 2).
<b>The Ecodesign for Energy-Related Products Regulations 2010, as amended:</b> <ul style="list-style-type: none"><li>EC Regulation No. 1275/2008<ul style="list-style-type: none"><li>Regulation (EC) 801/2013</li></ul></li></ul>	<p>Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment</p> <p>Amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment</p>



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<p><b>Electrical Equipment (Safety) Regulations 2016, as amended:</b></p> <ul style="list-style-type: none"> <li>• BS EN 60335-1:2012 + A15:2021</li> <li>• BS EN 60335-2-2:2010 + A1:2013</li> <li>• BS EN 60335-2-10 :2003 + A1 2008</li> <li>• BS EN 62233:2008</li> <li>• BS EN IEC 62311:2020</li> </ul>	<p>Household and similar electrical appliances – Safety – Part 1: General requirements</p> <p>Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliance.</p> <p>Household and similar electrical appliances – Safety – Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines</p> <p>Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure.</p> <p>Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz).</p>
<p><b>Electromagnetic Compatibility Regulations 2016, as amended:</b></p> <ul style="list-style-type: none"> <li>• BS EN IEC 55014-1:2021</li> <li>• BS EN IEC 55014-2:2021</li> <li>• BS EN IEC 61000-3-2:2019 + A1:2021</li> <li>• BS EN 61000-3-3:2013 + A1:2019 + A2:2021</li> <li>• ETSI EN 301 489-1 v2.2.3</li> <li>• ETSI EN 301 489-17 v3.2.4</li> </ul>	<p>Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission.</p> <p>Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard.</p> <p>Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).</p> <p>Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection.</p> <p>ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility</p> <p>ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElecgtroMagnetic Compatibility</p>
<p><b>Product Security and Telecommunications Infrastructure (PSTI) Regulation</b></p> <ul style="list-style-type: none"> <li>• Complies with Schedule 2 and the following provisions of <b>ETSI EN 303 645 v2.1.1</b>: <ul style="list-style-type: none"> <li>○ ETSI Provision 5.1-1</li> <li>○ ETSI Provision 5.1-2</li> <li>○ ETSI Provision 5.2-1</li> <li>○ ETSI Provision 5.3-13</li> </ul> </li> </ul>	<p>CYBER; Cyber Security for Consumer Internet of Things: Baseline Requirement.</p> <p>The minimum security support period will be through at least 31/12/2027 or the end of the product warranty period, whichever is later.</p>

**Person responsible for making this declaration:**

Signature: 

Stephen Pallotta, NCE  
iNARTE Certified Product Safety and EMC Engineer

Sr. Principal Compliance Engineer

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