Docusign Envelope ID: 6BBC82FD-78A3-4D1C-9877-6103A6DA1004

BRITA SE
Heinz-Hankammer-Str. 1
65232 Taunusstein
Tel.: +49 (0) 6128-746-0
Fax: +49 (0) 6128-746-601
www.brita.net

EU DECLARATION OF CONFORMITY

Radio equipment object/s of this declaration:

Art. no.	Product name	Product description
1057864	BOT iQ 680 BRITA LQ whi CU CE1	Smart water bottle and cap with UVC water treatment and water filtration kit (incl. LARQ Filter).
1057865	BOT iQ 680 BRITA LQ blk CU CE1	
1057866	BOT iQ 680 BRITA LQ whi CU CE2	
1057868	BOT iQ 680 BRITA LQ blk CU CE2	
1057869	CAP iQ BRITA LQ whi CU CE3	Smart cap with UVC water treatment.
1057870	CAP iQ BRITA LQ blk CU CE3	
1057871	CAP iQ BRITA LQ grn CU CE3	
1057872	CAP iQ BRITA LQ bei CU CE3	
1058400	CAP iQ BRITA LQ pur CU CE3	
1058402	CAP iQ BRITA LQ blu CU CE3	

This declaration of conformity is issued under the sole responsibility of BRITA SE. The object/s of the declaration described above is/are in conformity with the relevant Union harmonization legislation:

Legislation	Description
Directive 2014/53/EU (RED)	Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment.
Regulation (EU) 2023/1542 (Batteries)	Regulation of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries. Specifically, about article 6 “restriction of substances” and article 13 “labeling and marking”.

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Legislation	Description
Directive 2011/65/EU (RoHS)	Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Object/s of this declaration is/are in conformity with applicable requirements of the following relevant harmonised standards and technical specifications.

Harmonised standard	Description
EN 61000-3-2:2019 +A1:2021 +A2:2024	Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013 +A1:2019 +A2:2021	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
EN IEC 55014-1:2021	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission
EN IEC 55014-2:2021	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard
EN 300 328 V2.2.2	Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz band; Harmonised Standard for access to radio spectrum
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 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment; Harmonised Standard for Electromagnetic Compatibility

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Harmonised standard	Description
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)
IEC 60335-1:2010 +COR1:2010 +COR2:2010 +AMD1:2013 +COR1:2014 +AMD2:2016 +COR1:2016	Household and similar electrical appliances – Safety – Part 1: General requirements
PPP 51110B:2024	TÜV SÜD Group in house test procedure for technical requirements of Battery Regulation (EU) 2023/1542:2023-07-12
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

Component/s which allows the radio equipment object/s to operate as intended and covered by this declaration of conformity.

Component	Description
Bluetooth® module nRF52832	The Bluetooth® module is a multiprotocol SoC (System on Chip), designed for Bluetooth® Low Energy (BLE) and 2.4 GHz wireless applications. It offers high performance, flexible peripheral support, and advanced security features, making it ideal for IoT, wearables, and smart home devices.
Firmware V1.047	The cap firmware ensures that the device complies with regulatory requirements for safety, electromagnetic compatibility, and efficient use of the radio spectrum. We acknowledge the importance of regular software updates as part of maintaining product integrity and compliance awareness.

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Technical specification and data of the object/s described above in this declaration.

Category	Type	Value
Radio	Frequency band	2.4 GHz (2402 - 2480 MHz)
	Max. RF transmit output power (RF Tx)	~0.48 mW (-3.23 dBm)
	Reference values	0.475 mW (-3.23 dBm) @ 2402 MHz 0.411 mW (-3.86 dBm) @ 2480 MHz
	EIRP (EU max. limit)	< 10 dBm
Safety	Protection class	III
Battery	Manufacturer	HuNan Grand-Pro Tech Co., Ltd.
	Adress	Intersection of Shihu Ave and Linjing 2nd Rd, Suxian District, 423000 Chenzhou, Hunan, PEOPLE'S REPUBLIC OF CHINA
	Web	grand-pro.com
	Email	grand-pro@grand-pro.com
	Type	Rechargeable Lithium-ion Battery Pack
	Model	PL902037 (1ICP9/21/38)
	Voltage	3.7 V DC
	Capacity (rated)	700 mAh
	Energy	2.59 Wh
	Weight (approx.)	13 g
	Chemistry	$LiCoO_2$, Graphite, $LiPF_6$
	Factory	Besides Chenzhou Great Housing Industry Co., Ltd. (ID: 089687)
	Adress	Intersection of Shihu Ave and Linjing 2nd Rd, Suxian District, 423000 Chenzhou, Hunan, PEOPLE'S REPUBLIC OF CHINA
	Manufacturing date	see battery marking plate (YYYYMMDD)
	Batch number	see battery marking plate (YYYYMMDD)
	Hazard substances other than Hg/Cd/Pb	N/A
	usable extinguishing agent	N/A
	critical raw materials >0,1 %(w/w)	N/A

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The strict observance of all safety, operation, software updates and maintenance instructions in the product documentation is essential.

CE marking has been applied since 2025.

Taunusstein, 29 April 2026

DocuSigned by:
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i. V. Dr. Thomas Duchardt
Director Group Quality

DocuSigned by:
i.A. Sergii Vyshnevskyi
0CD44A64CB63426...

i. A. Sergii Vyshnevskyi
Senior Manager Product Compliance & Registrations