

EU DECLARATION OF CONFORMITY

This document serves as the Declaration of Conformity for the FlexiObox. It attests that the individual components, as listed under point 6 of this declaration, comply with all relevant standards and regulations.

The conformity of the FlexiObox is ensured due to the fact that its components individually meet the required standards and are separately certified. These components are designed to work harmoniously together, ensuring the seamless functionality and performance of the final product.

When assembled, these components form the final product, the FlexiObox, which conforms to the applicable Union harmonisation legislation.

1. No ... (unique identification of the product)

FlexiObox – LFB2

2. Name and address of the manufacturer or his authorised representative:

LIFEPOWR NV – Museumstraat 39, 2000 Antwerpen

3. This declaration of conformity is issued under the sole responsibility of the manufacturer (or installer):

This declaration of conformity is issued under the responsibility of LIFEPOWR NV.

4. Object of the declaration (identification of product allowing traceability. It may include a colour image of sufficient clarity to enable the identification of the product, where appropriate.)

The FlexiO EMS runs on the FlexiObox. The FlexiObox is required to communicate with the local installation.



5. The object of the declaration described in point 4 is in conformity with the relevant Union harmonisation legislation:

- RoHS Directive 2011/65/EU and its subsequent amendments & Directive (EU)2015/863 (Raspberry pi case; MD-RPI4C-29)
- Restriction of Hazardous Substance (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 and all addendums current to the date of issue of this declaration. (Raspberry Pi 4 Model B)
- Radio Equipment (RED)
Directive 2014/53/EU 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 and all addendums current to the date of issue of this declaration. (Raspberry Pi 4 Model B)
- Electro Magnetic Compatibility Directive : 2014/30/EU (Micro SD Card)
- RoHS Directive : 2011/65/EU & (EU) 2015/863 (Micro SD Card)

6. References to the relevant harmonised standards used, or references to the specifications in relation to which conformity is declared:

- Raspberry Pi 4 Model B:

- Radio Spectrum (2.4Gz): Article 3.2 RED
ETSI EN 300 328 V2.2.2: 2019
Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum.
- Radio Spectrum (5Gz): Article 3.2 RED
ETSI EN 301 893 V2.1.1: 2017
5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- EMC Compatibility Article 3.1b RED
ETSI EN 301 489-1 V2.2.3: 2019
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility:
- EMC Compatibility Article 3.1b RED
ETSI EN 301 489-17 V3.1.1: 2017
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
- Electrical Safety Article 3.1a RED
IEC EN 62368-1: 2018
Audio/video, information and communication technology equipment - Part 1: Safety requirements
- Electrical Safety Article 3.1b RED
BS EN 62311: 2008
Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
- RoHS
IECEN 63000: 2018
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

- Raspberry pi case:

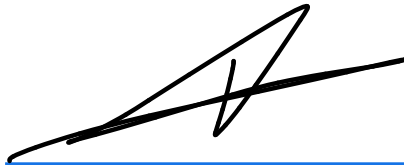
- RoHS Directive(EU) 2015/863 amending Annex II to Directive(EU) 2011/65/EU

- Micro SD Card:
 - EN 55032 : 2015 + A11: 2020, Class B
 - EN 55035 : 2017 + A11: 2020
 - EN IEC 63000 2018

7. Where applicable: the notified body ... (name, number)... performed ... (description of intervention)... and issued the certificate:

- Raspberry Pi 4 Model B:
 - Comply Express LDA of StartUp Madeira, EV 141, Campus da Penteadá, 9020 105 Funchal
- Raspberry pi case:
 - Shenzhen ZTS Testing Service Co., Ltd.
 - Certificate No.: ZTS23010412MCS

8. Additional information:



[Dries Bols \(Jan 6, 2025 15:26 GMT+1\)](#)

Signed for and on behalf of:

Antwerp, 23 December 2024,

LIFEPOWR NV - Dries Bols - CEO





EU DoC - FlexiObox

Final Audit Report

2025-01-06

Created:	2024-12-31
By:	Dries Bols (dries@lifepowr.io)
Status:	Signed
Transaction ID:	CBJCHBCAABAAvYdazH85VU3ccyqXZd6PtIRct8zWTK8

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-  Document created by Dries Bols (dries@lifepowr.io)
2024-12-31 - 6:04:04 PM GMT
-  Document emailed to Dries Bols (dries@lifepowr.io) for signature
2024-12-31 - 6:04:07 PM GMT
-  Document e-signed by Dries Bols (dries@lifepowr.io)
Signature Date: 2025-01-06 - 2:26:32 PM GMT - Time Source: server
-  Agreement completed.
2025-01-06 - 2:26:32 PM GMT