EU DECLARATION OF CONFORMITY

Version 2.1 · 2 October 2026 · supersedes version 2.0 of 28 September 2026 and version 1.0 of 20 August 2026

1. Product model / name:

Koster det kassen? – electricity-price display, model KDK-20 (240×320). Serial numbers KDK-20-0001 and onwards.

2. Name and address of the manufacturer:

KosterDetKassen v/ Andreas Hagerup Christiansen (CVR 46658582)

Plesnervej 48, 9460 Brovst, Denmark

kontakt@kosterdetkassen.dk

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration:

Wi-Fi (2.4 GHz, IEEE 802.11 b/g/n) connected electricity-price display for household use, built on the pre-certified radio module Seeed Studio XIAO ESP32-C3 (PN 113991054) with the module's external FPC antenna (Seeed XIAO FPC Antenna A-01) mounted inside the enclosure. 2.0" TFT display, 240×320. Powered by 5 V DC via USB-C (SELV); no battery; no mains parts. Bluetooth is not enabled in the product firmware. Frequency band 2412–2472 MHz; maximum radiated power 18.23 dBm EIRP.

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

- Radio Equipment Directive (RED) 2014/53/EU
- RoHS Directive 2011/65/EU as amended by Delegated Directive (EU) 2015/863
- Ecodesign Directive 2009/125/EC – Commission Regulation (EU) 2023/826 (standby, networked standby)

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

- **Health & safety (Art. 3.1a):** EN IEC 62368-1:2020+A11:2020 (technical specification; module test report SZ22070128A01)
- **RF exposure (Art. 3.1a):** EN IEC 62311:2020 (technical specification; module test report SZ22070128S01; separation distance 20 cm)
- **EMC (Art. 3.1b):** ETSI EN 301 489-1 V2.2.3 and ETSI EN 301 489-17 V3.2.4 (technical specifications; module test report SZ22070128E01)
- **Radio spectrum (Art. 3.2):** ETSI EN 300 328 V2.2.2 (harmonised standard)
- **Cybersecurity (Art. 3.3(d) & 3.3(e)):** EN 18031-1:2024 and EN 18031-2:2024 (harmonised standards; the restrictions of Commission Implementing Decision (EU) 2025/138 do not apply to this product)
- **RoHS:** EN IEC 63000:2018 (harmonised standard)
- **Ecodesign:** EN 50564:2011 – power consumption measured according to its principles (DC input at rated voltage, and AC input with an external power supply); see the technical documentation

7. Notified body:

Not involved for the product; conformity assessment procedure: internal production control (Annex II of Directive 2014/53/EU). The Art. 3.1 and 3.2 assessment relies on the radio module's EU-type examination certificate No. 22-210875 – 22-220875, PHOENIX TESTLAB GmbH (notified body 0700), issued 9 August 2022, valid until 8 August 2027, the module being used unchanged with its own antenna and unchanged output power.

8. Accessories and components, including software, covered by this declaration:

Firmware version 1.1.6 and later signed releases of the same product line (Secure Boot v2, RSA-3072); antenna Seeed XIAO FPC Antenna A-01 (drawing M01-0601770R0A). No power supply is included; the product is intended to be powered by a CE-marked 5 V USB adapter.

9. Additional information:

The technical documentation (»CE-dokumentation · KDK-20«, version 2.9) and the cybersecurity assessment (EN 18031, revision 28 September 2026) are held by the manufacturer and kept for 10 years after the last unit has been placed on the market. This declaration is published at kosterdetkassen.dk/doc; a simplified declaration accompanies the product.

Signed for and on behalf of: KosterDetKassen v/ Andreas Hagerup Christiansen

Place and date of issue: Brovst, 3. oktober 2026

Signature: 

Andreas Hagerup Christiansen, Ejer / Founder

Denne erklæring offentliggøres på kosterdetkassen.dk/doc og opbevares i mindst 10 år efter sidste enhed er bragt på markedet.