

To whom it may concern

### **EC Declaration of Conformity**

We, tiko Energy Solutions AG, located at Pflanzschulstrasse 7, 8004 Zürich, Switzerland declare under own responsibility that the following products of the TIKO D-BOX-V3 family

Products	Identification
Master LTE Fil Pilote	<b>301XXX-XXX</b>
Master LTEW Relay	<b>302XXX-XXX</b>
Simple Fil Pilote	<b>303XXX-XXX</b>
Simple Relay	<b>304XXX-XXX</b>

*Where XXX-XXX are replaced by digits from 0 to 9 for internal use*

**in the form as delivered, conform to the provisions of the following European directives:**

**2014/35/EU**

*on the harmonisation 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*

**2014/30/EU**

*on the harmonisation of the laws of the Member States relating to electromagnetic compatibility*

**2013/35/EU**

*on the minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (electromagnetic fields)*

**2014/53/EU**

*(RED) on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC*

**2011/65/EU**

*on the restriction of the use of certain hazardous substances in electrical and electronic equipment*

**Product family description:** The D-Box V3 is a decentralized energy meter and switch to control electrical heaters. D-Box of type Master LTE (301XXX-XXX and 302XXX-XXX) is equipped with an LTE-M module (Long-Term Evolution Machine Type Communication) to send data to the cloud in absence of Wi-Fi connection.

The conformity with the essential requirements of the directive is assured through the application of the following standards:

<u>Description</u>	<u>Sub called directive</u>	<u>Certificate</u>
<b>Safety</b>	<b>2014/35/EU</b>	<b>IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016</b> <i>Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements)</i>
	<b>2013/35/EU</b>	<b>EN 62311: 2008</b> <i>Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields</i>

Test Report No.

**RS-EVE-22M744-1A Ed.0** issued by EMITECH MONTPELLIER laboratory on May 24<sup>th</sup> 2023.

**RE-EVE-22M744-1A Ed.0; RE-EVE-22M744-2A Ed.0, RR-EVE-22M744-3A Ed.0 and RC-EVE-22M744-4A Ed.0** issued by EMITECH MONTPELLIER laboratory on February 12<sup>th</sup> 2023.

<b>Radio tests</b>	<b>2014/53/EU</b>	<b>EG 203 367 V1.1.1</b> <i>Guide to the application of harmonised standards covering articles 3.1b and 3.2 of the Directive 2014/53/EU (RED) to multi-radio and combined radio and non-radio equipment</i> <b>EN 301 908-1 V13.1.1</b> <i>IMT cellular networks; Harmonized Standard for access to radio spectrum; Part 1: Introduction and common requirements</i> <b>EN 301 908-13 V13.1.1</b> <i>IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)</i>
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**EN 301 511 V12.5.1**

*Global System for Mobile communications (GSM); Mobile Stations (MS) equipment; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU*

**EN 300 328 V2.2.2**

*Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonized Standard for access to radio spectrum*

Test Report No. **RR-EVE-22M744-1A Ed.0 and RR-EVE-22M744-2A Ed.0** issued by EMITECH MONTPELLIER laboratory on February 12<sup>th</sup> 2023.

**EMC**

**2014/53/EU**

**EN 301 489-17 V3.2.4**

*Standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonized Standard for Electro Magnetic Compatibility*

**2014/30/EU**

**EN 301 489-52 V1.1.0**

*Standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU*

**EN 301 489-1 V2.2.3**

*Standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard for Electro Magnetic Compatibility*

**EN 301 489-1 V2.2.0**

*Standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU*

**EN 61000-6-2: 2005**

*Part 6-2: Generic standards – Immunity standard for industrial environments*

**EN 61000-6-4: 2007 / AMD1: 2011**

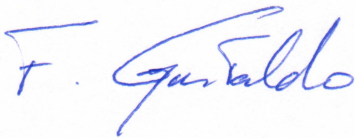
*Part 6-4: Generic standards - Emission standard for industrial environments*

Test Report No. **RC-EVE-22M744-1A Ed.0 and RC-EVE-22M744-2A Ed.0** issued by EMITECH  
MONTPELLIER laboratory on February 12<sup>th</sup> 2023

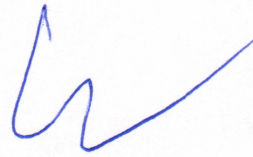
All test reports are available upon request.

CE sign affixed in 2023

Zürich, 2023-03-23



Chief Executive Officer  
Frederic Gastaldo



Chief Technical Officer  
Colin Howlett

This declaration certifies the conformity to the specified directives, but contains no assurance of properties. The safety documentation accompanying the product shall be considered in detail.