TEST REPORT
COMMISSION REGULATION (EU) 2023/826 of 17 April 2023

laying down ecodesign requirements for off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment pursuant to Directive 2009/125/EC of the European Parliament and of the Council

Report reference No.....:	ZHT-250811113S03
Date of issue ..... :	Aug. 21, 2025
Total number of pages..... :	13 pages
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Address ..... :	Room 104/201, Building 1, Yibaolai Industrial Park, Qiaotou, Fuhai S ubdistrict, Bao'an District, Shenzhen, Guangdong, China
Testing location ..... :	Guangdong Zhonghan Testing Technology Co., Ltd.
Applicant's Name ..... :	OUTIN INC.
Address ..... :	1312 17th Street #874, Denver, CO, United States
Manufacturer ..... :	Tanzhe Xingji(Shanghai)Network Technology Co., Ltd
Address ..... :	1-2F, No. 2311, Changjiang West Road, Baoshan District, Shanghai
Test specification	
Standard.....:	COMMISSION REGULATION (EU) 2023/826, EN 50564: 2011
Test method .....:	Compliance with COMMISSION REGULATION (EU) 2023/826, EN 50564: 2011
Test item description ..... :	Mino Portable Espresso Machine
Trademark .....:	OutIn
Model and/or type reference .....:	OTEM-MO-01
Other model..... :	-
Serial number ..... :	-
Rating(s).....:	Input: 20 V⎓ 1.5 A or 10.8V⎓ powered by battery
Date of sample received.....:	Aug. 19, 2025
Date of testing..... :	Aug. 20, 2025

Remark: The test result presented in this report relate only to the object(s) tested.

Name and address of the testing laboratory:

Guangdong Zhonghan Testing Technology Co., Ltd.
Room 104/201, Building 1, Yibaolai Industrial Park, Qiaotou, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Date of Test..... : Aug. 20, 2025

Tested by (name + signature)..... : Lamp He

Reviewed by (name + signature).....: Summer Yang

Approved by (name + signature).....: Levi Lee

Possible test case verdicts:

- test case does not apply to the test object.....: N (N/A)
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement.....: F (Fail)

Testing

Date of receipt of test item.....: Aug. 19, 2025

Date(s) of performance of tests.....: Aug. 20, 2025

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

General product information:

This model comes in two different colors. They are merely different in color and there are no other differences. This will not affect the test data.

COMMISSION REGULATION (EU) 2023/826			
Clause	Requirement + Test	Result - Remark	Verdict
COMMISSION REGULATION (EU) 2023/826 of 17 April 2023laying down ecodesign requirements for off mode, standby mode, and networked standby energy consumption of electrical and electronic household and office equipment pursuant to Directive 2009/125/EC of the European Parliament and of the Council			
ANNEX III	Ecodesign requirements	See below	P
1	Energy efficiency requirements:		P
	(a) Power consumption in off mode: Power consumption of equipment in off mode shall not exceed 0,50 W. Two years after the application of this Regulation, the power consumption of equipment in off mode shall not exceed 0,30 W.		N
	(b) Power consumption in standby mode: The power consumption of equipment in any condition providing only a reactivation function, or providing only a reactivation function and an indication of enabled reactivation function, shall not exceed 0,50 W. The power consumption of equipment in any condition providing only information or status display, or providing only a combination of reactivation function and information or status display, or providing only a reactivation function and an indication of enabled reactivation function and information or status display shall not exceed 0,80 W, except for household tumble driers covered by Commission Regulation (EU) No 932/2012 (1) for which this value shall be 1,00 W. Networked equipment that has one or more standby modes shall comply with the requirements for those standby modes when all wired network ports are disconnected and all wireless network ports are deactivated.		P
	(c) Power consumption in networked standby: The power consumption of HiNA equipment or equipment with HiNA functionality, in networked standby shall not exceed 8,00 W. Two years after the application of this Regulation, the power consumption of HiNA equipment or equipment with HiNA functionality in networked standby shall not exceed 7,00 W. The power consumption of networked equipment, other than HiNA equipment or equipment with HiNA functionality, in networked standby shall not exceed 2,00 W. The power consumption limits shall not apply to: —large format printing equipment; —desktop thin clients, workstations, mobile workstations, and small-scale servers as defined in Regulation (EU) No 617/2013.		N
2.	Functional requirements:		P

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Clause	Requirement + Test	Result - Remark	Verdict
	(a) Availability of off mode and standby mode: Unless this is inappropriate for the intended use, equipment shall provide one or more of the following conditions: —off mode, —standby mode, —another condition which does not exceed the applicable power consumption requirements for off mode or standby mode when the equipment is connected to the mains power source.	Without off mode	N
	(b) Power management function for all equipment other than networked equipment:		N
	(1) Unless inappropriate for the intended use, equipment shall provide a power management function. When equipment is not providing a main function, and another energy-related product is not dependent on its functions, the power management function shall switch equipment, after the shortest possible period appropriate for the intended use of the equipment, automatically into either of the following conditions: —standby mode, —off mode, —another condition which does not exceed the applicable power consumption requirements for off mode or standby mode when the equipment is connected to the mains power source.		N
	(2) For household coffee machines, the period referred to in point (1) shall be as follows: —for drip filter household coffee machines storing the coffee in an insulated jug, a maximum of five minutes; —for drip filter household coffee machines storing the coffee in a non-insulated jug, a maximum of 40 minutes; —for household coffee machines other than drip filter household coffee machines, a maximum of 30 minutes.		N
	(3) For other equipment, the period referred to in point (1) shall not exceed 20 minutes.		N
	(4) The power management function described in point (1) shall be activated when the equipment is placed on the market or put into service and activated with its initial setup after the equipment is reset to its factory default settings.		N
	(5) The equipment may offer the user the option to deactivate the power management function. In such cases the users shall be warned about the increased energy consumption of that action. That warning shall be included in the instruction manuals and, where applicable, be made available on the displays integrated in or connected to the equipment, excluding information or status displays. That option shall not be part of the installation procedure of the equipment and shall require a separate user action on the equipment.		N
	(c) Power management for networked equipment:		N

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	Unless inappropriate for the intended use, equipment shall provide a power management function. When equipment is not performing a main function, and another energy-related product is not dependent on its functions, the power management function shall switch equipment, after the shortest possible period appropriate for the intended use of the equipment, automatically into networked standby. That period shall not exceed 20 minutes.		N
	In networked standby, the power management function may switch equipment automatically into standby mode or off mode or another condition, which does not exceed the applicable power consumption requirements for standby or off mode. The power management function shall be available for all network ports of the networked equipment.		N
	Unless all network ports are deactivated, the power management function shall be activated when the equipment is placed on the market or put into service. After the equipment is reset to its factory default settings, the power management function shall be activated if any of the network ports is activated.		N
	The equipment may offer the user the option to deactivate the power management function. In such cases, the user shall be warned about the increased energy consumption of that action. That warning shall be included in the instruction manuals and, where applicable, be made available on the displays integrated in or connected to the equipment. That option shall not be part of the installation procedure of the equipment and shall require a separate user action on the equipment.		N
	Networked equipment other than HiNA equipment shall comply with the requirements set out in point 2(b) when all wired network ports are disconnected and all wireless network ports are deactivated.		N
	(d) Possibility of deactivating wireless network connections:		N
	Any networked equipment that can be connected to a wireless network shall offer the user the possibility to deactivate the wireless network connections. That requirement does not apply to equipment that relies on a single wireless network connection for intended use and have no wired network connection.		N
	(e) The indication ‘standby’ and its translations in all Union official languages shall not be used in describing, either alone or in combination with other information, any condition in which the equipment is not compliant with the requirements set out in points 1(b) or 1(c).		P
3.	Information requirements		P
	a) The instruction manuals for end-users, and free access websites of manufacturers, importers or authorised representatives shall include the following information for all equipment, as applicable:		P

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	(1) for each off mode, standby mode (or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode) and networked standby into which the equipment is switched by the power management function or similar function: —the power consumption expressed in watts rounded to the first decimal place; —the period after which the equipment reaches automatically standby mode, off mode or networked standby in minutes and rounded to the nearest minute;		P
	(2) the power consumption of the equipment in networked standby if all wired network ports are connected and all wireless network ports are activated;		N
	(3) For equipment that needs an external power supply, but it is placed on the market without one, the manufacturer, importer or authorised representative shall provide information on the technical characteristics of the product model of the external power supply to be used with that equipment.		N
	(4) guidance on how to activate and deactivate wireless network ports.		N
	As an alternative, information in points (1), (2) and (3) can be provided in the instruction manuals for end-users in the form of a link to this information in the free access ebsites of manufacturers, importers or authorised representatives.		N
	(b) The technical documentation for the purposes of conformity assessment pursuant to Article 4 shall contain the following elements:		N
	(1) category of equipment: —specification whether it is networked or non-networked equipment; —for networked equipment, specification whether it is HiNA equipment, equipment with HiNA functionality, or other networked equipment; where no information is rovided, the equipment is not considered HiNA equipment or equipment with HiNA functionality;		N

	(2) for each off mode, standby mode and networked standby: — the declared value of the power consumption in watts rounded to the first decimal place; — the measurement method used; — a description of how the equipment mode was selected or programmed; — the sequence of events leading to the condition where the equipment automatically changes modes; — any notes regarding the operation of the equipment, e.g. information on how the user switches the equipment into networked standby; — if applicable, the default time needed for the equipment to reach the applicable low power mode or condition in minutes and rounded to the nearest minute;		N

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	(3) for networked equipment: — the number and type of network ports and, with the exception of wireless network ports, where those ports are located on the equipment; in particular it shall be declared if the same physical network port accommodates two or more types of network ports; — whether all network ports are deactivated before the equipment is placed on the market or put into service; — whether there are ports relying on active wired connections for the intended use, and the procedure used for deactivating those ports; — the power consumption of the equipment in networked standby if all wired network ports are connected and all wireless network ports are activated; — guidance on how to activate and deactivate wireless network ports;		N
	(4) for each type of network port: — the period after which the power management function switches the equipment into networked standby; — the remotely initiated trigger that is used to reactivate the equipment; — the (maximum) performance specifications; — the (maximum) power consumption of the equipment in networked standby into which the power management function will switch the equipment, if only that port is used for remote activation; — the communication protocol used by the equipment;		N
	(5) test conditions for measurements: — ambient temperature; — test voltage in V and frequency in Hz; — total harmonic distortion of the electricity supply system; — description of the instrumentation, set-up and circuits used for electrical testing;	See table 1	P

	(6) the equipment characteristics relevant for assessing conformity with the requirements set out in points 2(a), 2(b) and 2(c), as applicable, including the declared value of the time taken to automatically reach networked standby, standby mode or off mode, or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode in minutes, ounded to the nearest minute.		P

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	(7) If applicable, a technical justification shall be provided that the requirements set out in point 2(a), 2(b), 2(c) and 2(d) are inappropriate for the intended use of equipment. The need to maintain one or more network connections or to wait for a remotely initiated trigger is not considered a technical justification for exemption from the requirements set out in point 2(b) in the case of equipment that is not defined as networked equipment by the manufacturer. For the requirements set out in point 2(c), the technical justification shall, in particular, provide evidence on why a main function needs to remain always active. In addition, where applicable, the packaging shall mention explicitly that: (a) the equipment does not have a standby mode or other equivalent state in terms of energy efficiency requirements, power management function or the ability to deactivate wireless network connections mode; (b) the power consumption of the equipment is likely to be higher than other equipment models meeting these functional requirements.		N
	(8) the description of the equipment's main functions.		P
Test setup drawing: 			

1. Test Result:

Table 1	P
Test conditions	
Ambient temperature in °C	24.2
Relative Humidity(%)	54.7
Required voltage in V	230 (±1%）(test with adapter)
Required frequency in Hz	50 (±1%）
Test voltage in V	230.01(test with adapter)
Test frequency in Hz	50.001
Total harmonic distortion of the supply system in % (THD)	1.51
Test results	
Name of model	OTEM-MO-01
Rms standby mode power (W)	0.35
True power factor in standby mode	N/A
Maximum power consumption in 'standby mode'.	☒0.50W (without display) ☐0.80 W (with display)
Rms off mode power (W)	N/A
True power factor in off mode	N/A
Maximum power consumption in 'off mode'	☐0.50W (from 09 May 2025) ☐0.30 W (from 09 May 2027)
Rms networked standby mode power (W)	N/A
Maximum power consumption in 'networked standby mode'	☐ N/A For HiNA equipment or equipment with HiNA functionality ☐8.0W (from 09 May 2025) ☐ 7.0W (from 09 May 2027) For other networked equipment ☐ 2.0W
Verdict	Pass
Supplementary information:	

2. List of Measurement Equipment

Name	Model No.	Serial No.	Manufacturer	Next Calibration Date	Calibration Cycle
Power Harmonics & Leakage Tester	21	07300008	PROVA	2026-04-21	One year
Digital Voltage Meter	WT210	91K217878	YOKOGAWA	2026-04-21	One year
Temperature and Humidity Cabinet	EL-02AGP	0205082	GZ-ESPEC	2026-04-21	One year

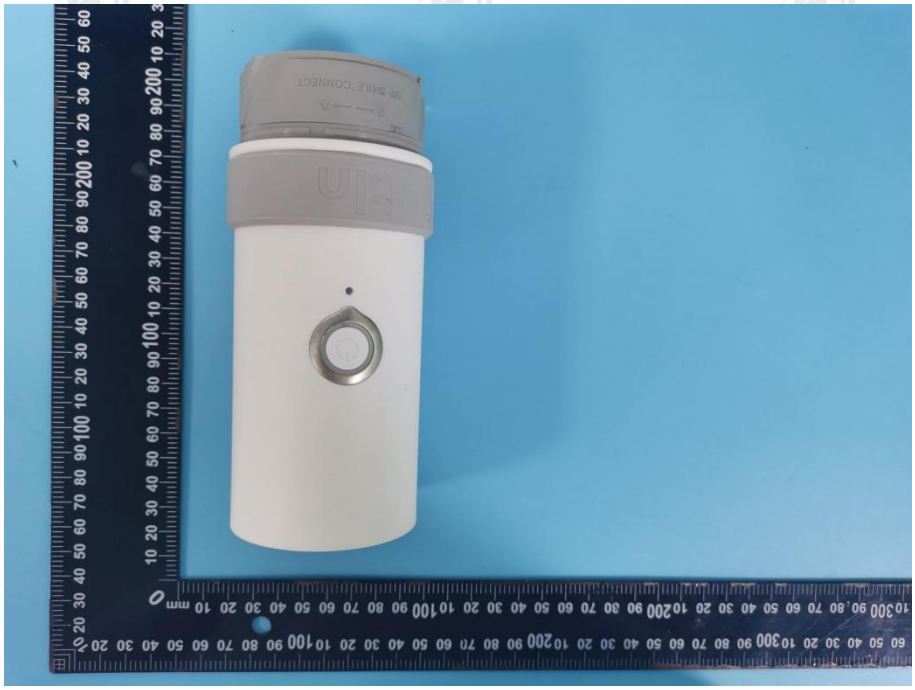
3. Photos of EUT

EUT Photo 1

EUT Photo 2

EUT Photo 3

EUT Photo 4



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