Applicant Chengdu Leiqu Information

Product: 4G CPE 3i

Model(s) or Type(s)...: B313-322

Report No. BTL-ERP-1-S2408C010





TEST REPORT

COMMISSION REGULATION (EU) 2023/826

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.....: BTL-ERP-1-S2408C010

Tested by (+ signature)..... Marco Liu

Marco Lin

Approved by (+ signature) Ben Liu

Date of issue...... 2024-09-30

Total number of pages...... 21

Testing laboratory

Name BTL Inc (Dongguan).

China.

Dongguan, Guangdong, China.

Applicant

Name Chengdu Leiqu Information Technology Co., Ltd.

High-tech Zone, China (Sichuan) Pilot Free-Trade Zone

Test specification

Standard Commission Regulation (EU) 2023/826

Test procedure...... EN 50564: 2011

Test Report Form/blank test report

Test Report Form No...... ERP_2023/826

Master TRF...... Dated 2023

Testing

Date of receipt of test item..... 2024-08-20

Date(s) of performance of test........... 2024-08-22 to 2024-08-28

Test item:

Description...... 4G CPE 3i

Trademark LEIQU

Manufacturer...... Same as applicant

Model and/or type reference...... B313-322

Rating(s) Input: 12V === 1A



Copy of marking plate:

The artwork of label below may be only a draft. The use of certification marks or other information on the product must be complies with the concerned standard.

LEIQU Model:B313-322

S/N:XXXXXXXXXXXXXXXXXX

Wi-Fi Name:XXXXXXXXXXXXXXXX Wi-Fi Password:XXXXXXXXXXXXXX

IP:192.168.8.1 Password:xxxxxxxx

WPS PIN:xxxxxxxx INPUT:12V --- 1A

Chengdu Leiqu Information Technology Co., Ltd. Chengdu 610213 PRC MADE IN CHINA



Scan to connect Wi-Fi

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| Toct | casa | word | icto |
|------|------|------|------|
| | | | |

Test case does not apply to the test object: N/A (Not Applicable)

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.
- When determining the test conclusion, the nominal variations in some test parameters have little effect on the uncertainty of the measurement result. The decision rules are based on IEC Guide 115 with complying the relevant requirements of environment and equipment.
- "(See Enclosure #)" refers to additional information appended to the report.
- "(See appended table)" refers to a table appended to the report.
- The harmonised standard EN 50564:2011 using which have been published for this purpose under the previously Commission Regulation in the Official Journal of the European Union.

Throughout this report a \square comma / \boxtimes point is used as the decimal separator.

GENERAL PRODUCT INFORMATION:

Product Description -

- The equipment is a 4G CPE 3i using for electrical and electronic household and office equipment.
- The test samples were pre-production samples without serial numbers.
- The equipment is supplied by external power supply which test by ErP according to the the relevance regulation on ecodesign of external power supplies.

Models difference:

- N/A

External Power Adapter :

| Manufacturer | Model | Technical data |
|------------------------|--------------|--------------------------------|
| SHENZHEN HUNTKEY | HW-120100E03 | I/P: 100-240V~, 50/60Hz, 0.5A. |
| ELECTRIC CO., LTD | HW-120100B03 | O/P: 12V === 1.0A |
| Dongguan Shilong Fuhua | HW-120100E03 | I/P: 100-240V~, 50/60Hz, 0.5A. |
| Electronic Co., Ltd. | HW-120100B03 | O/P: 12V === 1.0A |

Notes: Two models are same except different plug, the difference do not affect the result of power consumption.

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| Category of equipment | |
|----------------------------------|---------------------------------------------------------------------------------------------|
| Category of networked equipment: | ☐ HiNA equipment ☐ Equipment with HiNA functionality |
| | Other networked equipment |
| Network connection port(s) | ⊠ wired |
| | ⊠number and type of port(s): |
| | LAN/WAN port: 1 pcs(s); |
| | SIM port: 1 pcs(s); |
| | |
| | not provided |
| Off mode | □ Provided □ Not provided |
| Standby mode | ☐ Provided ☒ Not provided |
| Information or Display Function: | ☐ Provided ☒ Not provided |
| External power supply | □ Provided (Complied with the relevance regulation on ecodesign of external power supplies) |
| | ☐ Not provided |

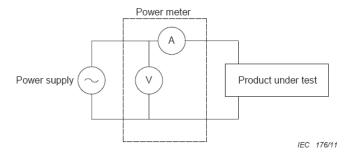
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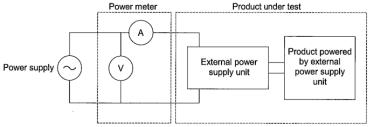


Connection arrangement for testing:

Connection 1: Connection arrangement for products powered directly from an a.c. power supply for lower power loads

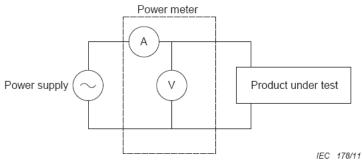


Connection 2: Connection arrangement for a product powered via an external power supply for lower power loads

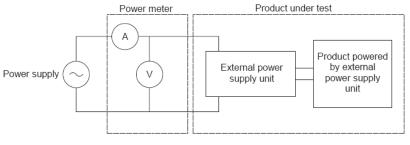


IEC 177/11

Connection 3: Connection arrangement for a product powered directly from the a.c. main supply for higher power loads



Connection 4:Connection arrangement for a product powered via an external power supply for higher power loads



IEC 179/11

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| | COMMISSION REGULATION (EU) 2023/826 | | | |
|--------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------|--|
| Clause | Requirement-test | Measuring result - Remark | Verdict | |
| 1 | Measurement of low power consumption | | Р | |
| 1.2 | General conditions for measurements | See below. | Р | |
| 1.2.2 | Ambient temperature (23 ± 5)°C | Ambient: 23.1°C | Р | |
| 1.2.3 | Air speed ≤ 0.5 m/s | Air speed: ≤ 0.35m/s | Р | |
| 1.2.4 | Test voltage 230 V ± 1% | (See appended TABLE 1a~1b for the test result) | Р | |
| 1.2.5 | Test frequency 50 Hz ± 1% | (See appended TABLE 1a~1b for the test result) | Р | |
| 1.2.6 | Total harmonic distortion of the electricity supply system ≤ 2% | Complied. | Р | |
| 1.2.7 | The ratio of peak value to r.m.s. value of the test voltage (i.e. crest factor) shall be between 1.34 and 1.49 | Complied. | Р | |
| 1.3 | Power management uncertainty (See EN 50564 Annex D and the result complies with clause 4.4.1) | | Р | |
| 1.4 | Information and documentation on the instrumentation, set-up and circuits used for electrical testing | Lower power loads measurement circuit used. | Р | |

| 1.5 | Measurements procedure / method | | Р |
|---------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 1.5.1 | Name of mode | See below. | _ |
| 1.5.2 | How is the mode selected or programmed | The product power consumption of networked standby and off mode within a mode is stable. The sampling method is the preferred method of measurement. | _ |
| 1.5.3 | Sequence of events to reach the mode where the product automatically changes mode | Data recorded throughout the total period. | _ |
| 1.5.4 | Test method | ☐ Sampling method☐ Average reading method☐ Direct meter reading method | _ |
| 1.5.4.1 | Sampling method | See below. | Р |
| | Sampling interval | 0.25s | _ |
| | Total duration of test | See appended table. | _ |
| | Measurement time | See appended table. | _ |
| | Stability (mW/h) | See appended table. | _ |
| | Limited applied | See appended table. | _ |
| | Test result in W: | See appended table. | _ |

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|---------|------------------------------------------------|-------------|---------------------|---------|
| Clause | Requirement-test | Measur | ing result - Remark | Verdict |
| 1.5.4.2 | Average reading method | | | N/A |
| | Average power approach | Yes 🗌 | No 🗌 | _ |
| | Accumulated energy approach | Yes 🗌 | No 🗌 | _ |
| | Sampling interval | | | |
| | Stability (mW/h) | | | |
| | Measurement duration (Averaging / Accumulated) | | | |
| | Limited applied | | | |
| | Test result in W | | | |
| 1.5.4.3 | Direct meter reading method | | | N/A |
| | Sampling interval | | | _ |
| | Stability (mW/h) | | | |
| | Measurement time | | | |
| | Limited applied | | | |
| | Test result in W | | | |
| | | | | |
| 2. | Energy efficiency requirements | | | Р |

| 2. | Energy efficiency requirements | | Р |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----|
| 2.1 | Power consumption in off mode | See below. | Р |
| | From 2025, Power consumption of equipment in off mode shall not exceed 0.50 W | (See appended TABLE 1a~1b for the test result) | Р |
| | From 2027, Power consumption of equipment in off mode shall not exceed 0.30 W | (See appended TABLE 1a~1b for the test result) | Р |
| 2.2 | Power consumption in standby mode | | N/A |
| | 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 | | N/A |
| | 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 for which this value shall be 1.00 W.) | | N/A |
| | 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 | | N/A |

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|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------|
| Clause | Requirement-test | Measuring result - Remark | Verdict |
| | deactivated. | | |
| 2.3 | Power consumption in networked standby | See below. | Р |
| 2.3.1 | The power consumption of HiNA equipment or equipment with HiNA functionality | (See appended TABLE 1a~1b for the test result) | Р |
| | From 2025, 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 | (See appended TABLE 1a~1b for the test result) | Р |
| | From 2027, in networked standby shall not exceed 7.00 W. | | Р |
| 2.3.2 | Other than HiNA equipment or equipment with HiNA functionality | | N/A |
| | In networked standby shall not exceed 2.00 W | | N/A |

| 3. | Functional requirements | Р |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 3.1 | Availability of off mode and standby mode | Р |
| | Equipment shall provide one or more of the following conditions: | Р |
| | - 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. | |
| 3.2 | Power management function for all equipment other than networked equipment | N/A |
| 3.2.1 | Power management function for all equipment other than networked equipment: | N/A |
| | 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. | |
| 3.2.2 | For household coffee machines, the period | N/A |

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|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------|
| Clause | Requirement-test | Measuring result - Remark | Verdict |
| | referred to in clause 3.2.1 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. | | |
| 3.2.3 | For other equipment, the period referred to in clause 3.2.1 shall not exceed 20 minutes. | | N/A |
| 3.2.4 | The power management function described in clause 3.2.1 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/A |
| 3.2.5 | 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/A |
| 3.3 | Power management for networked equipment | | Р |
| 3.3.1 | 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. | EUT can be automatically into networked standby mode in 20 min when main function was not provided. | Р |
| 3.3.2 | 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. | | N/A |
| 3.3.4 | The power management function shall be available for all network ports of the networked equipment. | | Р |
| 3.3.5 | 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 | | Р |

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|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------|
| Clause | Requirement-test | Measuring result - Remark | Verdict |
| | default settings, the power management function shall be activated if any of the network ports is activated. | | |
| | 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/A |
| | Networked equipment other than HiNA equipment shall comply with the requirements set out in clause 3.2 when all wired network ports are disconnected and all wireless network ports are deactivated. | | N/A |
| 3.4 | Possibility of deactivating wireless network connections | | Р |
| | 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. | | P |
| 3.5 | 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 clause 2.2 or 2.3. | | Р |
| 4. | Information requirements | | Р |
| 4.1 | 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: | | Р |
| 4.1.1 | 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; | | P |
| | the period after which the equipment reaches automatically standby mode, off mode or networked | | |

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|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------|--|
| Clause | Requirement-test | Measuring result - Remark | Verdict | |
| | standby in minutes and rounded to the nearest minute | | | |
| 4.1.2 | The power consumption of the equipment in networked standby if all wired network ports are connected and all wireless network ports are activated | Test result see the appended table. | Р | |
| 4.1.3 | 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. | Placed on the market with an external power supply. | N/A | |
| 4.1.4 | Guidance on how to activate and deactivate wireless network ports | | Р | |

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|-------------------------------------|------------------|---------------------------|---------|--|--|--|--|
| Clause | Requirement-test | Measuring result - Remark | Verdict | | | | |

| J _{in} (V) / Fn (Hz) 30 / 50 30 / 50 | P _{in} (W) 0.149 | I _{in} (mA) | THD (%) | Total | Test | O4 = l= :1:4 | a / . | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 0.149 | 2.00 | | duration | duration | Stability (mW/h) | Condition/status | |
| 30 / 50 | | 2.88 | 0.052 | 60mins | 40mins | 0.926 | | |
| | 2.192 | 26.81 | 0.302 | 60mins | 40mins | 1.012 | Only LAN port activat | |
| 30 / 50 | 2.784 | 32.78 | 0.349 | 60mins | 40mins | 1 /11/1 | - | eless |
| 30 / 50 | 2.190 | 26.39 | 0.299 | 60mins | 40mins | 0.278 | Only WAN port activate | |
| 30 / 50 | 2.730 | 32.61 | 0.359 | 60mins | 40mins | 4.350 | Only SIM acti (WCDMA) clic requirement | |
| 30 / 50 | 4.799 | 53.65 | 0.498 | 60mins | 40mins | | Only SIM activate (LTE) clients' requirement | |
| The default time after which the power management function for automatically into standby mode, or off mode, or another condition. | | | | | | | | |
| | < 20min | | | | | | | |
| The power consumption of the product in networked standby if all wired network ports are connected and all wireless network ports are activated | | | | | | | | |
| 3 3 | 30 / 50 30 / 50 30 / 50 after who standb after who networ | 30 / 50 2.190 30 / 50 2.730 30 / 50 4.799 after which the postandby mode, after which the ponetworked star | 30 / 50 2.190 26.39 30 / 50 2.730 32.61 30 / 50 4.799 53.65 after which the power mare standby mode, or off mode after which the power mare onetworked standby mode umption of the product in n | 30 / 50 2.190 26.39 0.299 30 / 50 2.730 32.61 0.359 30 / 50 4.799 53.65 0.498 after which the power management of standby mode, or off mode, or and after which the power management of networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another management of the product in networked standby mode or another m | 30 / 50 2.190 26.39 0.299 60mins 30 / 50 2.730 32.61 0.359 60mins 30 / 50 4.799 53.65 0.498 60mins after which the power management function for standby mode, or off mode, or another conduction for networked standby mode or another conditional control of the product in networked standby is | 30 / 50 2.190 26.39 0.299 60mins 40mins 30 / 50 2.730 32.61 0.359 60mins 40mins 40mins 30 / 50 4.799 53.65 0.498 60mins 40mins after which the power management function for 5 standby mode, or off mode, or another condition. after which the power management function for 5 networked standby mode or another condition. | 30 / 50 2.784 32.78 0.349 60mins 40mins 1.200 30 / 50 2.190 26.39 0.299 60mins 40mins 0.278 30 / 50 2.730 32.61 0.359 60mins 40mins 4.350 30 / 50 4.799 53.65 0.498 60mins 40mins 5.787 after which the power management function for 5 standby mode, or off mode, or another condition. after which the power management function for 5 onetworked standby mode or another condition. after which the power management function for 5 onetworked standby mode or another condition. | 2.784 32.78 0.349 60mins 40mins 1.200 Only 2.4G wire activate 30 / 50 2.190 26.39 0.299 60mins 40mins 0.278 Only WAN portion of the product in networked standby if all wired 30 / 50 2.784 32.78 0.349 60mins 40mins 0.278 Only WAN portion of the product in networked standby if all wired |

Notes:

Test Adapter model: HW-120100E03 (Manufacturer: SHENZHEN HUNTKEY ELECTRIC CO., LTD.)

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|-------------------------------------|------------------|---------------------------|---------|--|--|--|
| Clause | Requirement-test | Measuring result - Remark | Verdict | | | |

| Π. ΔΔ./ | | TABLE 1b: TEST RESULTS | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------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| U _{in} (V) / Fn (Hz) | P _{in} (W) | I _{in} (mA) | THD (%) | Total duration | Test duration | Stability (mW/h) | Condition/status | | | |
| 230 / 50 | 0.174 | 2.80 | 0.038 | 60mins | 40mins | 0.286 | | | | |
| 230 / 50 | 2.179 | 23.94 | 0.238 | 60mins | 40mins | 0.103 | Only LAN por | t activate | | |
| 230 / 50 | 2.783 | 29.83 | 0.281 | 60mins | 40mins | 1 4 4/4 | Only 2.4G wireless activate | | | |
| 230 / 50 | 2.179 | 23.93 | 0.238 | 60mins | 40mins | 0.082 | Only WAN port activate | | | |
| 230 / 50 | 2.753 | 29.55 | 0.280 | 60mins | 40mins | | Only SIM actir (WCDMA) clic requirement | | | |
| 230 / 50 | 4.813 | 48.71 | 0.409 | 60mins | 40mins | | Only SIM activate (LTE) clients' requirement | | | |
| The default time after which the power management function for automatically into standby mode, or off mode, or another condition. | | | | | | | | | | |
| | < 20min | | | | | | | | | |
| The power consumption of the product in networked standby if all wired network ports are connected and all wireless network ports are activated | | | | | | | | _ | | |
| | Fn (Hz) 230 / 50 230 / 50 230 / 50 230 / 50 230 / 50 230 / 50 ne after whinto stands after whinto netwo | Fn (Hz) 230 / 50 | Fn (Hz) 230 / 50 0.174 2.80 230 / 50 2.179 23.94 230 / 50 2.783 29.83 230 / 50 2.179 23.93 230 / 50 2.753 29.55 230 / 50 4.813 48.71 ne after which the power markinto standby mode, or off moderate which the power markinto networked standby modensumption of the product in networked standby modensumption of the produ | Fn (Hz) (%) 230 / 50 0.174 2.80 0.038 230 / 50 2.179 23.94 0.238 230 / 50 2.783 29.83 0.281 230 / 50 2.179 23.93 0.238 230 / 50 2.753 29.55 0.280 230 / 50 4.813 48.71 0.409 ne after which the power management into standby mode, or off mode, or and meaning after which the power management into networked standby mode or another management into networked standby mode or another meaning meanin | Fn (Hz) (%) duration 230 / 50 0.174 2.80 0.038 60mins 230 / 50 2.179 23.94 0.238 60mins 230 / 50 2.783 29.83 0.281 60mins 230 / 50 2.179 23.93 0.238 60mins 230 / 50 2.753 29.55 0.280 60mins 230 / 50 4.813 48.71 0.409 60mins ne after which the power management function frinto standby mode, or off mode, or another condition networked standby mode or another conditions 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409 10.409< | Fn (Hz) (%) duration duration 230 / 50 0.174 2.80 0.038 60mins 40mins 230 / 50 2.179 23.94 0.238 60mins 40mins 230 / 50 2.783 29.83 0.281 60mins 40mins 230 / 50 2.179 23.93 0.238 60mins 40mins 230 / 50 2.179 23.93 0.238 60mins 40mins 230 / 50 2.753 29.55 0.280 60mins 40mins 230 / 50 4.813 48.71 0.409 60mins 40mins 230 / 50 | Fn (Hz) (%) duration duration duration (mW/h) 230 / 50 0.174 2.80 0.038 60mins 40mins 0.286 230 / 50 2.179 23.94 0.238 60mins 40mins 0.103 230 / 50 2.783 29.83 0.281 60mins 40mins 0.082 230 / 50 2.179 23.93 0.238 60mins 40mins 0.082 230 / 50 2.753 29.55 0.280 60mins 40mins 1.146 230 / 50 4.813 48.71 0.409 60mins 40mins 4.053 ne after which the power management function for into standby mode, or off mode, or another condition. N/A < 20min | Fn (Hz) | | |

Notes:

Test Adapter model: HW-120100E03 (Manufacturer: Dongguan Shilong Fuhua Electronic Co., Ltd.)

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| | | COMMISSION RE | GULATI | ON (E | U) 2023/826 | | |
|------------------------|------|----------------------------------------------------------------------------|---------------------------------|---------------|--------------|-----------------|---------|
| Clause | | Requirement-test Measuri | | | | result - Remark | Verdict |
| TABLE 2 | Summ | ary of testing result(s) | | | | | Р |
| Item | 1 | Requirement - Limit | | | | | |
| OFF mode | | | | From | 2025 | ≤ 0.50W | Р |
| | | | | From 2027 | | ≤ 0.30W | Р |
| Standby mode | | Without information or status | s display From 2025 | | ≤ 0.50W | N/A | |
| | | With information or display f | function From 2025 | | | ≤ 0.80W | N/A |
| Networked standby | | HiNA equipment, or Equipment with HiNA functionality | | From 2025 | | ≤ 8.00W | Р |
| | | | | From 2027 | | ≤ 7.00W | Р |
| | | Non-HiNA equipment | | | 2025 | ≤ 2.00W | N/A |
| | | All equipment other than Household coffee machines and networked equipment | | | | ≤ 20 min | N/A |
| Powe | ۵r | Drip filter Household coffee | | In an jug | insulated | ≤ 5 min | N/A |
| management (Period) | | machines | | In a n jug | on-insulated | ≤ 40 min | N/A |
| | | Household coffee machines other than drip filter household coffee machines | | | | ≤ 30 min | N/A |
| | | Networked equipment | | | | ≤ 20 min | Р |
| Stability | | Input power ≤ 1W | nput power ≤ 1W ≤10 mW | | | | |
| | | Input power > 1M | 1.% of the measured input power | | | | D |

| List of test equipment used | | | | | | | | | |
|-----------------------------|--------------------------------------|----------|-----------|------------|------------|--|--|--|--|
| ID No | DESCRIPTION | MANUF. | MODEL NO. | CAL. DATE | DUE DATE | | | | |
| A13 | Frequency Converdion Power Supply | Ainuo | AN97005H | 2024-06-22 | 2025-06-21 | | | | |
| HR15 | Humidity & Temp. Recorder | ZOGLAB | DSR-THUA | 2024-06-12 | 2025-06-11 | | | | |
| HW2 | Hot-Wire Anemometer | testo | 405-V1 | 2024-04-22 | 2025-04-21 | | | | |
| SW2 | Stopwatch | TF | PC396 | 2024-08-06 | 2025-08-05 | | | | |
| H-PM4 | Power Meter | YOKOGAWA | WT310E | 2024-01-21 | 2025-01-20 | | | | |

1 % of the measured input power

Ρ

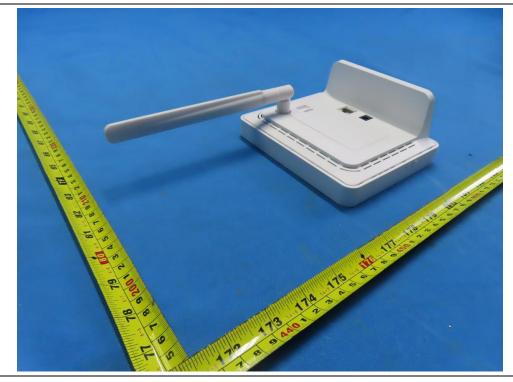
Input power > 1W

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External view - 1



External view - 2

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Connector view - 1



Connector view - 2

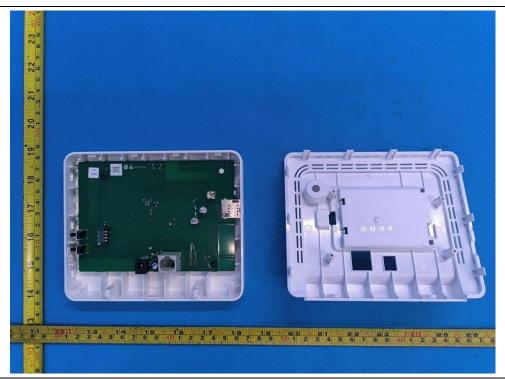
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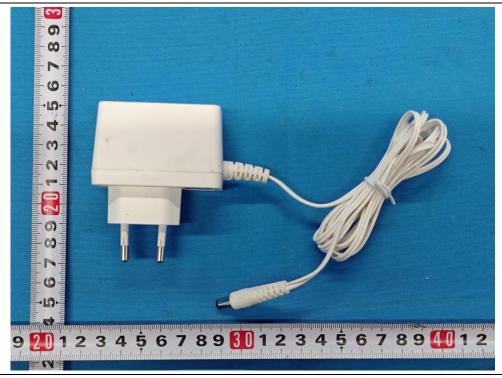
Internal view - 1



Internal view - 2

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Adapter view - 1 Model: HW-120100E03 (Manufacturer: SHENZHEN HUNTKEY ELECTRIC CO., LTD.)



Adapter view - 2 Model: HW-120100E03 (Manufacturer: SHENZHEN HUNTKEY ELECTRIC CO., LTD.)

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Adapter view - 1 Model: HW-120100B03 (Manufacturer: SHENZHEN HUNTKEY ELECTRIC CO., LTD.)



Adapter view - 2 Model: HW-120100B03 (Manufacturer: SHENZHEN HUNTKEY ELECTRIC CO., LTD.)

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Adapter view - 1 Model: HW-120100E03 (Manufacturer: Dongguan Shilong Fuhua Electronic Co., Ltd.)



Adapter view - 2 Model: HW-120100E03 (Manufacturer: Dongguan Shilong Fuhua Electronic Co., Ltd.)

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Adapter view - 1 Model: HW-120100B03 (Manufacturer: Dongguan Shilong Fuhua Electronic Co., Ltd.)



Adapter view - 2 Model: HW-120100B03 (Manufacturer: Dongguan Shilong Fuhua Electronic Co., Ltd.)

- End of Test Report -

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