

**Applicant Name:** Guangdong Difulong Kitchen and Bathroom Technology Co., Ltd

**Report Date:** Aug. 29, 2025

**Applicant Address:** No.2 Xipu Area, Huxia Industrial Zone, Fengxi Town, Chao'an District, Chaozhou City

**Testing Laboratory:** Standards (Shenzhen) Testing Service Co., Ltd.  
**Testing Address:** 2F, Huarongbao Building, Shatian Community, Kengzi Street, Pinshan District, Shenzhen City, Guangdong Province, China  
**Manufacturer:** Guangdong Difulong Kitchen and Bathroom Technology Co., Ltd  
**Manufacturer address:** No.2 Xipu Area, Huxia Industrial Zone, Fengxi Town, Chao'an District, Chaozhou City  
**Country of manufacture:** China  
**Product name:** Intelligent toilet  
**Brand name:**   
**Model and/or Type reference:** S21  
**Receipt condition:** Prototype sample  
**Sample receipt date:** Aug. 08, 2025  
**Date(s) of performance of tests:** Aug. 08, 2025 to Aug. 18, 2025  
**Input Power Requirements:** Input: 1.5VDC 1.2A

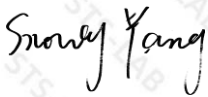
**Tests Conducted:**

As requested by the applicant, for details refer to test standards in page 3.

**Conclusion:**

The appliance complies with the requirements of CEC Appliance Efficiency for Federally Regulated Battery Chargers.

**Prepared by:**



Snowy Yang  
Engineer

**Approved by:**



Carson Zhan  
Project Engineer



## 1 PRODUCT INFORMATION

| Information                                    | Remark  |
|------------------------------------------------|---------|
| Inductive charger systems                      | No      |
| Battery backup or uninterruptible power supply | No      |
| Location of BC marking                         | Product |

The tests have been carried out in accordance with the test programme, and as such, the results are only applicable to the sample tested and the conditions of the test. Sample variability and changes in test conditions could influence some results, and the result(s) as stated may not be representative of the mean result if a number of different samples were tested under a variety of test conditions.

When determining the test conclusion, the Measurement Uncertainty of test has been considered.

**Remark: /**

## 2 GENERAL CONDITIONS FOR MEASUREMENTS

|                                           |                                                                                                                                                                                                                    |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test condition parameter                  |                                                                                                                                                                                                                    |
| Test standards                            | CALIFORNIA CODE OF REGULATIONS, TITLE 20<br>10 C.F.R. section 430.23(aa)<br>(Appendix Y to Subpart B of Part 430)<br>IEC 62301(Ed. 2.0): 2011<br>Household electrical appliances –<br>Measurement of standby power |
| Ambient temperature                       | 23.6~ 24.7°C                                                                                                                                                                                                       |
| Test voltage                              | 1.5Vdc                                                                                                                                                                                                             |
| Relative humidity                         | 57.5~ 67.0%                                                                                                                                                                                                        |
| Total harmonic distortion (THD) (Voltage) | N/A                                                                                                                                                                                                                |
| Power measurement instrument resolution   | $\leq 0.01W$ (Power < 10W)<br>$\leq 0.1W$ (10W < Power <100W)<br>$\leq 1W$ (100W < Power)                                                                                                                          |
| Minimum resolution of power meter         | 0.001W                                                                                                                                                                                                             |
| Crest factor                              | N/A                                                                                                                                                                                                                |

### 3 List of Measured or Calculated Values

| Test parameter                                                                                                                                   | Test sample |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
|                                                                                                                                                  | Sample 1    | Sample 2    |
| Duration of the charge and maintenance mode test ( $t_{cd}$ )                                                                                    | 24 hours    | 24 hours    |
| Battery capacity of tested battery (if more than 1 charger port report the total of all battery capacities connected during test) ( $E_{batt}$ ) | 1.801Wh     | 1.803Wh     |
| Battery Maintenance Mode Power ( $P_m$ )                                                                                                         | 0.003W      | 0.004W      |
| Standby Mode Power ( $P_{sb}$ )                                                                                                                  | 0.100W      | 0.101W      |
| Off Mode Power( $P_{off}$ )                                                                                                                      | 0.100W      | 0.101W      |
| 24 Hour charge and maintenance energy ( $E_{24}$ )                                                                                               | 3.372Wh     | 3.375Wh     |
| Energy consumption (UEC)                                                                                                                         | 0.580kWh/yr | 0.581kWh/yr |

#### 4 TEST RESULT SUMMARY

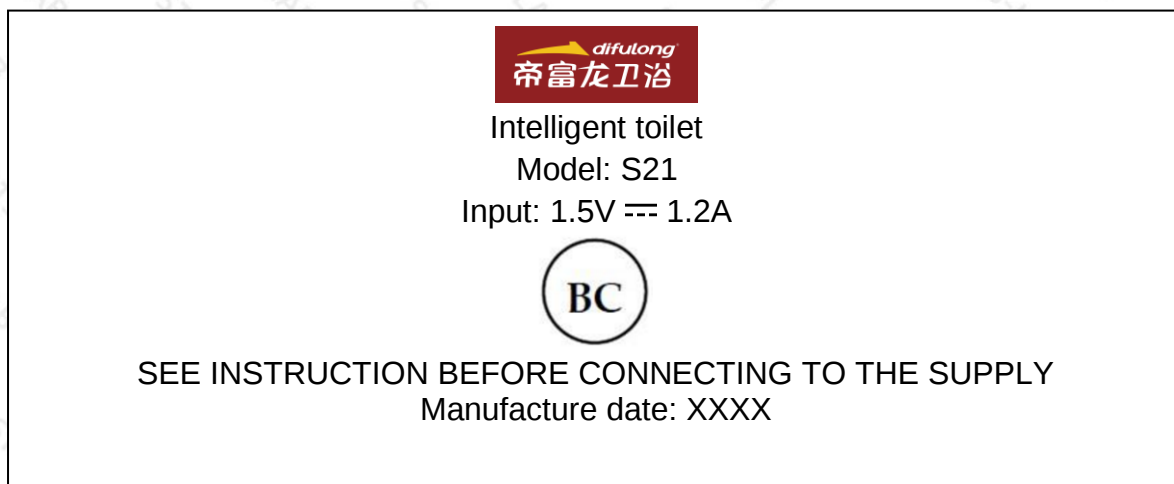
| Sample Number             | E <sub>batt</sub> (Wh) | P <sub>m</sub> (W) | P <sub>SB</sub> (W) | P <sub>off</sub> (W) | E <sub>24</sub> (Wh) | UEC(kWh/yr) | t <sub>cd</sub> (hrs) |
|---------------------------|------------------------|--------------------|---------------------|----------------------|----------------------|-------------|-----------------------|
| Battery Sample 1          | 1.801                  | 0.003              | 0.100               | 0.100                | 3.372                | 0.580       | 24                    |
| Battery Sample 2          | 1.803                  | 0.004              | 0.101               | 0.101                | 3.375                | 0.581       | 24                    |
| Sampling Size             | 2                      | 2                  | 2                   | 2                    | 2                    | 2           | 2                     |
| Mean of Sample            | 1.802                  | 0.004              | 0.101               | 0.101                | 3.374                | 0.581       | 24                    |
| Sample Standard Deviation | 0.001                  | 0.001              | 0.001               | 0.001                | 0.002                | 0.001       | --                    |
| UCL/1.05                  | 1.728                  | 0.009              | 0.102               | 0.102                | 3.231                | 0.559       | --                    |
| <b>Declarable Value</b>   | <b>1.80</b>            | <b>0.00</b>        | <b>0.10</b>         | <b>0.10</b>          | <b>3.37</b>          | <b>0.58</b> | <b>24</b>             |

#### 5 CONCLUSION

| Requirements of CEC         |                                           |                                           |                                                                                      | Verdict |
|-----------------------------|-------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------|---------|
| Product class description   | Rated battery energy (E <sub>batt</sub> ) | Special characteristic or battery voltage | Standard Limit and Test Result UEC (kWh/yr)                                          |         |
| Low-Energy                  | ≤5 Wh                                     | Inductive Connection                      | 3.04                                                                                 | N       |
| Low-Energy, Low-Voltage     | <100 Wh                                   | <4 V                                      | 0.1440 x E <sub>batt</sub> + 2.95<br>Limit: 3.21 kWh/yr;<br>test result: 0.58 kWh/yr | P       |
| Low-Energy, Medium-Voltage  | <100 Wh                                   | 4-10 V                                    | E <sub>batt</sub> <10 Wh, 1.42 kWh/y                                                 | N/A     |
|                             |                                           |                                           | E <sub>batt</sub> ≥10 Wh, 0.0255 x E <sub>batt</sub> + 1.16                          | N/A     |
| Low-Energy, High-Voltage    | <100 Wh                                   | >10 V                                     | 0.11 x E <sub>batt</sub> + 3.18                                                      | N/A     |
| Medium-Energy, Low-Voltage  | 100-3000 Wh                               | <20 V                                     | 0.0257 x E <sub>batt</sub> + .815                                                    | N/A     |
| Medium-Energy, High-Voltage | 100-3000 Wh                               | ≥20 V                                     | 0.0778 x E <sub>batt</sub> + 2.4                                                     | N/A     |
| High-Energy                 | >3000 Wh                                  | --                                        | 0.0502 x E <sub>batt</sub> + 4.53                                                    | N/A     |

The appliance complies with the requirements of CEC Appliance Efficiency for Federally Regulated Battery Chargers.

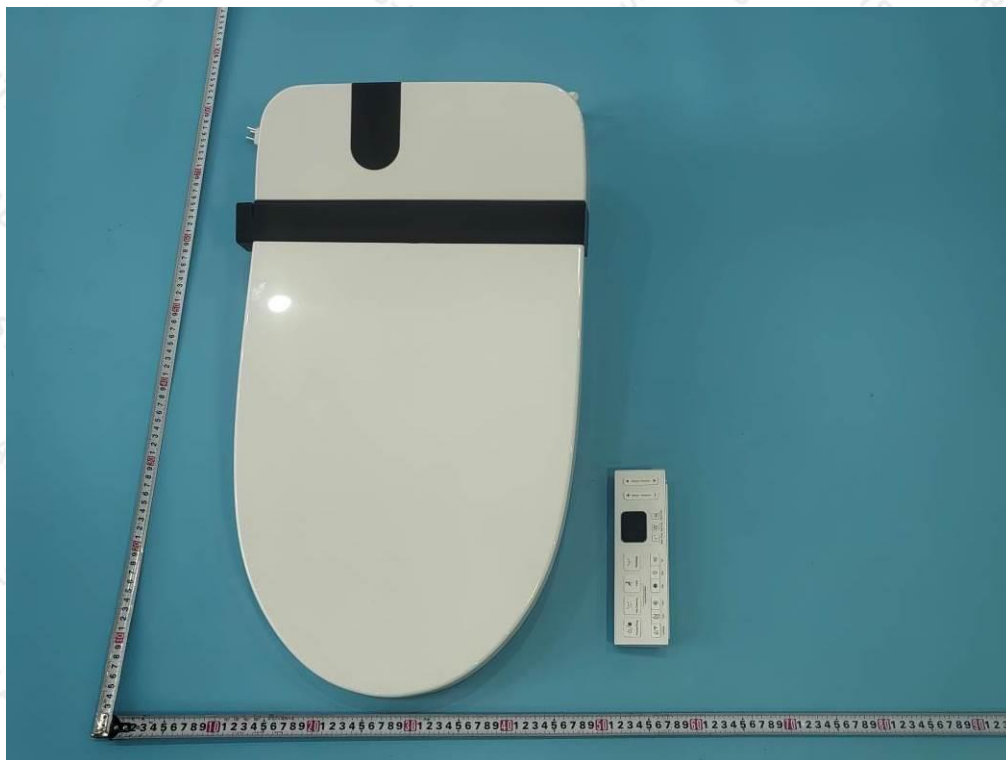
**6 RATING LABEL**



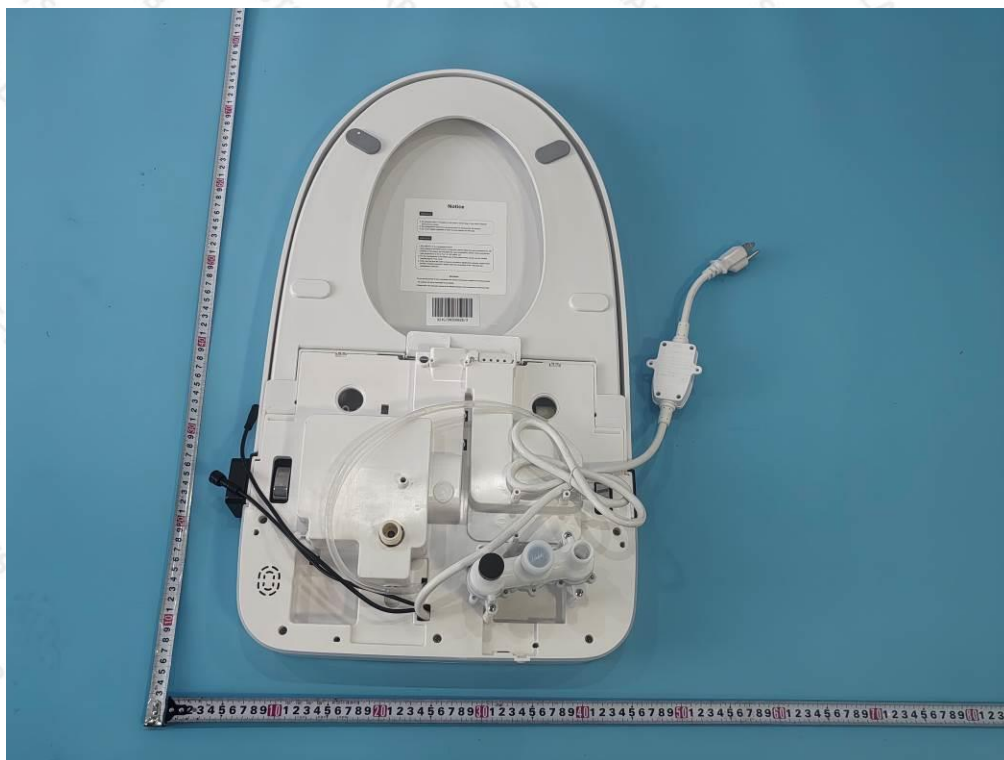
**7 COMPONENT LIST**

| Object  | Manufacturer                         | Model    | Mark(s) of conformity      |
|---------|--------------------------------------|----------|----------------------------|
| Battery | DONGGUAN NUOXING ELECTRONIC CO., LTD | LR03-160 | 1.5V,<br>1200mAh,<br>1.8Wh |

**8 PHOTO**



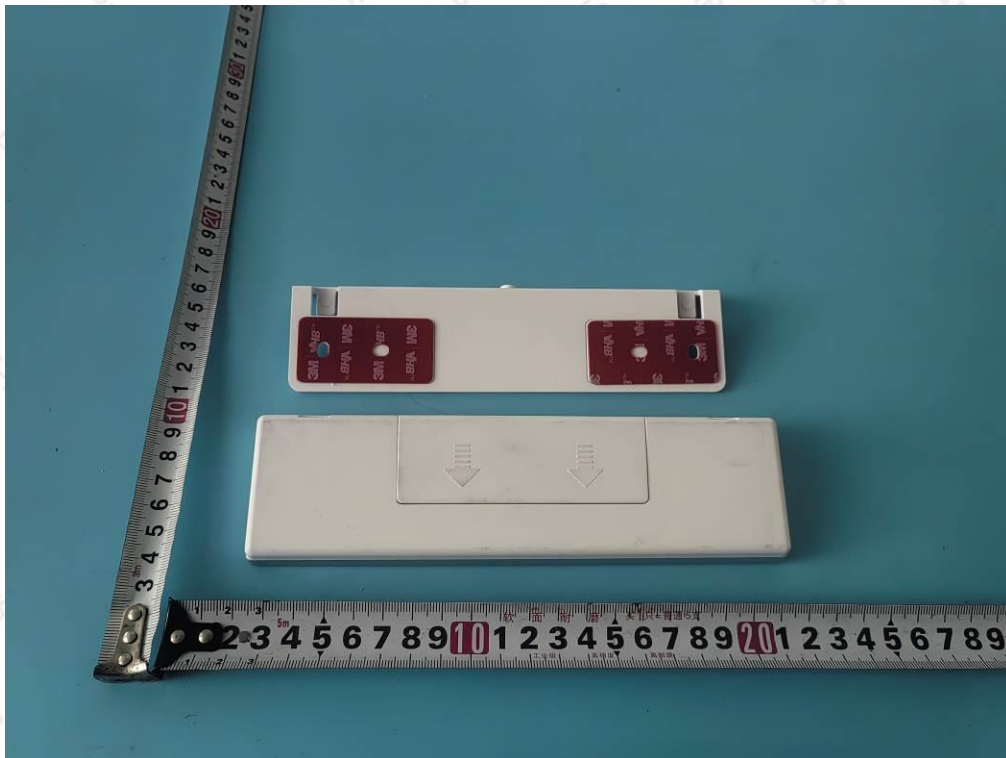
Overall view 1 of the EUT



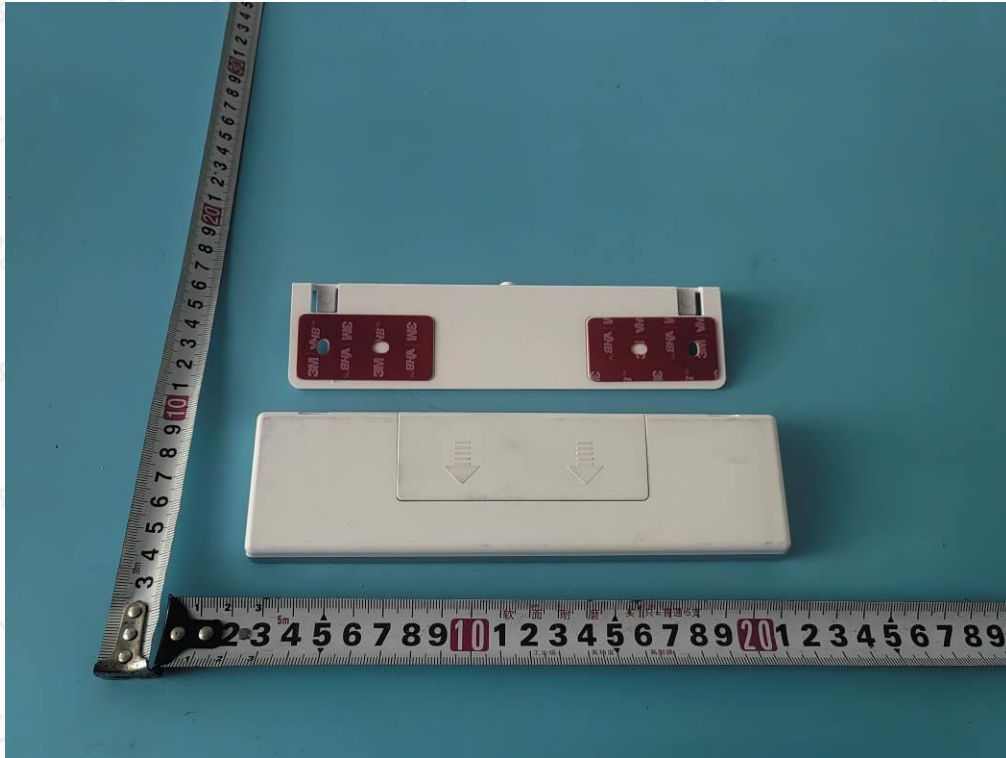
Overall view 2 of the EUT



Overall view 1 of the Remote Control 1



Overall view 2 of the Remote Control 1



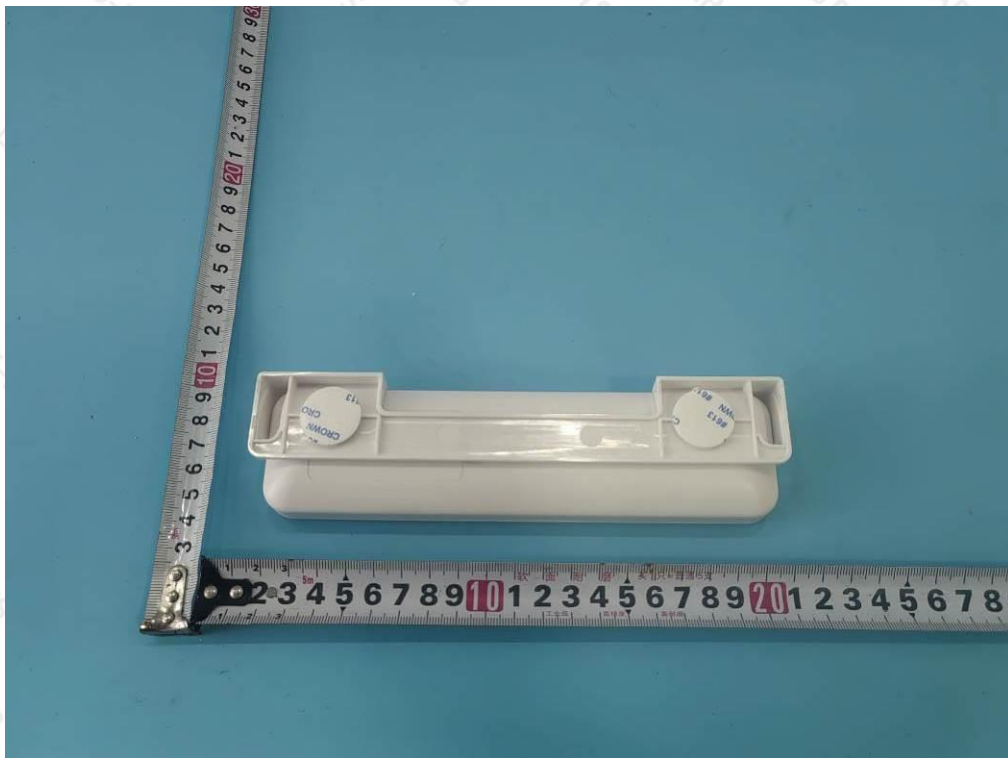
Overall view 3 of the Remote Control 1



Overall view 4 of the Remote Control 1



Overall view 1 of the Remote Control 2



Overall view 2 of the Remote Control 2



Overall view 3 of the Remote Control 2



Overall view 4 of the Remote Control 2

\*\*\*\*\*

-- The End of Report --