UN38.3 Test Report

Lithium cell or battery test summary in accordance with sub-section 38.3 of Manual of Tests and Criteria

Report No.: ELTIONBATTERYLITHIUM

Issue Date: 05.03.2025

➢ Product Type: Single Lithium Ion Cell Battery
➢ Product Name: Anti-Theft Security Alarm System 2 Key Remotes In-Built Lithium-Ion Cell Battery
➢ Model/Type: ELTZON99539- 0.4Ah - ELTSMALLION
➢ Lithium-Ion Cell Battery - 200mAh
➢ Lithium Content: Lithium Ion Cell Battery Weight Of the Battery is 6g Only
➢ Buyer/Client: ELTRON TURBO
➢ Issue Date: 05-03-2025
➢ Product Mass: 350g (This is Total Weight Of The Product Include Battery)

Client: ELTRON TURBO
Client Address: First Floor, NE-87, Gali Number 2,
Vishnu Garden, New Delhi 110018
GSTIN/UIN : 07AXDPL9083G1Z7
State Name : Delhi, Code : 07
Contact : 9811599668
E-Mail : eltronturbo141@gmail.com

Manufacturer: ELT-ZON TECHNOLOGIES
Manufacturer Address: 107, Four Storey Qtrs, Tagore Garden Extension, New Delhi-110027
GSTIN/UIN: 07AAJFE8654P1ZM
State Name : Delhi, Code : 07
Contact : 9953912161
E-Mail : eltzone81@gmail.com

For ELT-ZON TECHNOLOGIES

Partner

Test Report Date: 08.03.2025 **Report No.: ELTIONBATTERYLITHIUM**

Lithium cell or battery test summary in accordance with sub-section 38.3 of Manual of Tests and Criteria

Test Number	Test Name	Purpose	Result
T.1	Altitude Simulation	Simulates air transport under low-pressure Conditions.	**Pass**
T.2	Thermal Test	Assesses ability to withstand rapid and extreme Temperature changes.	**Pass**
T.3	Vibration	Simulates vibration during transport.	**Pass**
T.4	Shock	Simulates impacts due to rough handling or Transportation.	**Pass**
T.5	External Short Circuit	Ensures safety If battery terminals are shorted.	**Pass**
T.6	Impact / Crush	Simulates mechanical abuse.	**Pass**
T.7	Overcharge	Ensures battery safety when overcharged.	**Pass**
T.8	Forced Discharge	Ensures safety if battery is forcibly discharged.	**Pass**

Conclusion: The Tested Lithium Ion Cell Battery Complies with all UN38.3 requirements for Safe for Transportation. The battery is approved for air, sea, and land shipment under current IATA, ICAO, IMDG, and DOT regulations.

Test Laboratory: ELT-ZON
Laboratory Address: C-5 3rd Floor, Ajay Enclave,
New Delhi, Delhi - 110018
State Name : Delhi, Code : 07
Contact : 9354645673
E-Mail : eltzon383@gmail.com

Tested By : Rohit Kumar - Rohit Kumar
Designation: Engineering Manager

Reviewed By : Pankaj - Pankaj
Designation: Quality Manager

Approved By : Rahul - Rahul
Designation: Technical Manager

Report No.: ELTIONBATTERYLITHIUM

Lithium cell or battery test summary in accordance with sub-section 38.3 of Manual of Tests and Criteria

Sample Type (Rechargeable or Not): This Is Not Rechargeable Single Lithium Ion Cell Battery

Product Name	Anti-Theft Security Alarm System 2 Key Remotes In-Built Lithium-Ion Cell Battery	**Test Items**	Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, Overcharge, Forced discharge
Product Type	Single Lithium Ion Cell Battery	**Issue Date**	05.03.2025
Model/Type	ELTZON99539-0.4Ah - ELTSMALLION	**Test Report Date**	08.03.2025
Shape	Square Type	**Lithium-Ion Cell Battery**	200mAh
Sample Mass	6g **(Lithium Ion Cell Battery Only)**	**Product Clarification 1**	Anti Alarm Systems (Without Any Battery)
Product Mass	350g **(This is Total Weight Of The Product Include Battery)**	**Product Clarification 2**	Rest of 2 Remotes (One is Key Style & Another is Key Button Style (With Lithium Ion Cell Battery)
Size	6.0mm*6.0mm*6.0mm		

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Summary of testing:	
Tests performed (name of test and test clause):	**Testing location:**

Test items	Sample Number
T.1: Altitude simulation	B1# - B4#
T.2: Thermal test	
T.3: Vibration	
T.4: Shock	
T.5: External short circuit	
T.6: Crush or Impact	C1# - C10#
T.7 Overcharge	B5# - B8#
T.8: Forced discharge	C11# - C30#

The samples' state is good.

ELTIONBATTERYLITHIUM of B1#~B2# B5#~B6 are full charged state after first cycle;

ELTIONBATTERYLITHIUM of B3#~B4# B7#~B8 are full charged state after 25th cycles;

ELTIONBATTERYLITHIUM of C1#~C5# are 50% charged state after first cycle;

ELTIONBATTERYLITHIUM of C6#~C10# are 50% charged state after 25th cycles;

ELTIONBATTERYLITHIUM of C11#~C20# are full discharged after first cycle;

ELTIONBATTERYLITHIUM of C21#~C30# are full discharged after 25th cycles;

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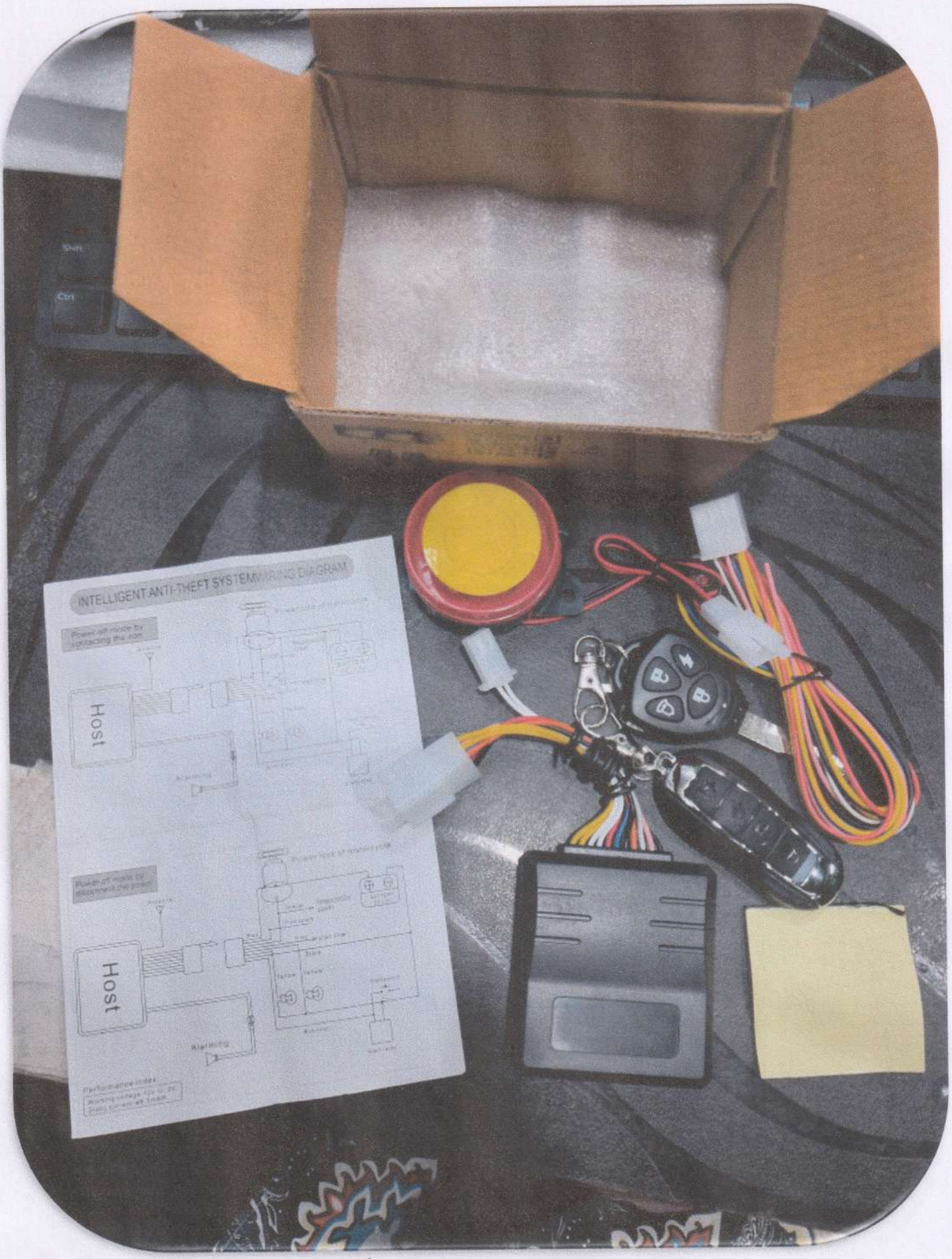
INTELLIGENT ANTI-THEFT SYSTEM WIRING DIAGRAM
Host
Host
Alarming


Host
Alarming
Performance index:
Working voltage 12v +/- 3V
Static current ≤8 5mAH
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