LOGISTIC INFORMATION AND UN 38.3 TEST SUMMARY

in accordance with manual of tests and criteria
7. revised edition, amendment 1, subsection 38.3.5

N/A = Not Applicable

1. Name/Description of battery
F5AC1

1a. Name/Description of the cells inside the battery
LIFUN KPL565870

The test summary of the cells inside the battery must either be presented or under checkpoint 9 and 9a it must be confirmed that the UN 38.3 test summary for the cells is available.

2. Manufacturer of battery	
Name	DONGGUAN KAYO BATTERY CO., LTF
Address	O.2 , ShaJingTou ten Lane,Matigang Village,DaLingShan Town,DongGuan City,GuangDong Province,China
Phone	13418895320
Email	lfei@kayobattery.com
Website	www.kayobattery.com

2a. Manufacturer of the equipment (if the battery is contained in equipment)	
Name	FairPhone B.V.
Address	Van Diemenstraat 200, 1013 CP, Amsterdam, The Netherlands
Phone	+31207884400
Email	ted.jao@fairphone.com
Website	www.fairphone.com

3. Test laboratory of battery	
Name	Shanghai Institute of Chemical Industry Testing Co., Ltd
Address	No.345 Yunling East Road, Putuo District, Shanghai
Phone	021-31015115
Email	jyhuang@ghs.cn
Website	http://www.ghs.cn

4. ID number and date			
Unique test report identification number	1123100529	Date of test report	2023.11.13

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LITHIUM BATTERY SERVICE

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Name/Description of battery (taken from field 1)
F5AC1

DESCRIPTION OF BATTERY

5. **Mark the type of battery with an "•"** **Note: Single cell batteries (1S1P) are treated as cells, i.e. using this logistic information form is correct.**			
•	Lithium ion battery	Lithium metal battery	
	Lithium hybrid battery		

6. **Parameters**	
Weight of the battery in gram (g) or kilogram (kg)	68 g
Lithium ion: Nominal energy in Watt-hours (Wh) or kilo Watt-hours (kWh)	16.25 Wh
Lithium metal: Lithium metal content in gram (g) or kilogram (kg)	g
Lithium hybrid: Nominal energy in Watt-hours (Wh) or kilo Watt-hours (kWh)	g
and lithium metal content in gram (g) or kilogram (kg)	g

7. **Physical description of battery**
Lithium ion battery

8. **Model numbers**
F5AC1

TESTS AND RESULTS

9. **List of tests conducted and results** - Mark N/A, pass or fail with an "•"	N/A	pass
T1 - Altitude simulation		✓
T2 - Thermal Test		✓
T3 - Vibration		✓
T4 - Shock		✓
T5 - External Short Circuit		✓
T6 - Impact - for cylindrical cells having a diameter of at least 18 mm See check point 1a and 9a.	✓	
T6 - Crush - for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18 mm. See check point 1a and 9a.		✓
T7 - Overcharge		✓
T8 - Forced Discharge, only valid for cells. See check point 1a and 9a.		✓

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Name/Description of battery (taken from field 1)
F5AC1

9a.UN 38.3 Test Confirmation for the Cells inside the battery When no separate document for the cells is provided, this confirms that the cells inside the battery (see checkpoint 1.a.) have successfully passed the UN 38.3 test. In this case under checkpoint 9 the T.6 and T.8 must be marked as „passed" and here under 9.a. „Cell UN 38.3 Test confirmed" needs to be ticked.	●	Cell UN 38.3 Test confirmed	Cell UN 38.3 Test NOT confirmed	○

10. Reference to assembled battery testing requirements		
UN38.3(1123100529)	N/A	

11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto
UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7 & Amend 1 section 38.3

ADDITIONAL SUPPLIER INQUIRY

12. Quality management system for manufacturing batteries Does the manufacturer of the battery manufacture the products based on a documented quality management system according to transport regulations?	●	YES	NO	○

13. Are the following parameters exceeded? Lithium ion battery: more than 100 Wh Lithium metal battery: more than 2 g Lithium Lithium hybrid Battery: more than 1,5 g Lithium and/or more than 10 Wh	○	YES	NO	●

Check point 14 – 16 need to be answered when 13 has been ticked "YES":					
14. Does each battery incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage?			●	YES	NO ○
15. Is each battery equipped with an effective means of preventing external short circuits?			◉	YES	NO ○
16. Is each battery containing cells or series of cells connected in parallel equipped with effective means as necessary to prevent dangerous reverse current flow (e.g. diodes, fuses, etc.)?	○	N/A	●	YES	NO ○

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Name/Description of battery (taken from field 1)
F5AC1

BATTERIES INSTALLED IN EQUIPMENT

17. Check point 17 needs to be answered when the batteries are installed in articles:						
17.a) Only button cells enclosed?			○	YES	NO	◉
17.b) Number of enclosed batteries per equipment						
When the equipment is intentionally active/switched on during transport e.g. data loggers:						
17.c) Confirmation that no dangerous amount of heat is emitted from the equipment	○	N/A	◉	YES	NO	○
17.d) Confirmation that the equipment when transported by air fulfills the defined air transport standards for electromagnetic radiation according to DO-160	◉	N/A	○	YES	NO	○

18. Place, Date	19. Name and title of the responsible person
2023.11.15	Chu Jianfeng/DIRECTORS

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