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
140W PD POWERBANK

1a. Name/Description of the cells inside the battery
Li-ion Battery

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	BAK INTERNATIONAL(TIANJIN)LIMITED
Address	Tianjin New Technology Industrial Park Beichen Science and Technology Industrial Park
Phone	022-86972585
Email	mars.ge@bak.com.cn
Website	https://www.bakpower.com/

2a. Manufacturer of the equipment (if the battery is contained in equipment)	
Name	
Address	
Phone	
Email	
Website	

3. Test laboratory of battery	
Name	Guangdong ESTL Technology Co., Ltd
Address	Room 101, 201-208, Unit 1, Building 1, No. 9 Headquarters 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China.
Phone	86-400 755 8988
Email	info@gtggroup.com
Website	www.gtggroup.com

4. ID number and date			
Unique test report identification number	S03A24060034U00701	Date of test report	2024-06-12

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LITHIUM BATTERY SERVICE

LOGISTIC INFORMATION AND UN 38.3 TEST SUMMARY

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Name/Description of battery (taken from field 1)
140W PD POWERBANK

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)	513.3 g
Lithium ion: Nominal energy in Watt-hours (Wh) or kilo Watt-hours (kWh)	90 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
Approximate Black Cuboid

8. Model numbers
HE25000

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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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		
	N/A	

11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto
UNITED NATIONS the "Manual of Test and Criteria"(ST/SG/AC.10/11/Rev.7+A1:2021)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)
140W PD POWERBANK

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					5	
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
2024-06-24	Sansa Hu/Sales manager



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