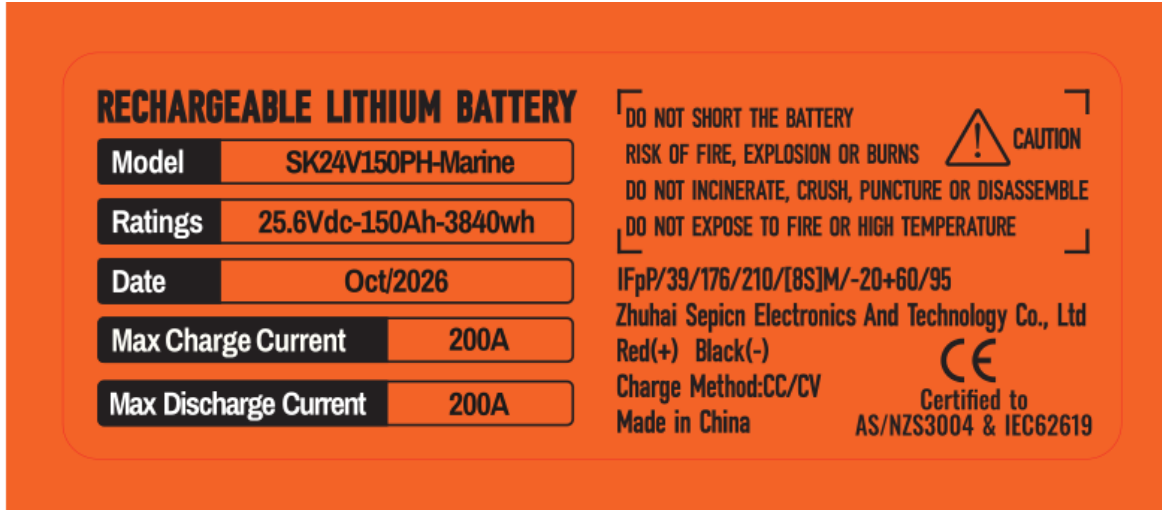


TEST REPORT IEC 62619:2022 Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications		
Report Number..... : ACTE2025111004 R1.1 Date of issue : 29/09/2026 Total number of pages..... : 26		
Applicant's name : Sogen Energy Ltd Address : 4/150 Vanguard Street, Nelson South, Nelson 7010, New Zealand Purchase order/Reference..... : QU-2057		
Testing laboratory..... : ACT NZ Limited trading as Auckland Lab Testing location : 1066E Great South Road, Mount Wellington, Auckland 1060, New Zealand		
Test specification: Standard : IEC 62619:2022 AS/NZS 3004.2:2014 + A1:2015 Test procedure..... : Full Test and Selected Clause		
Test Report Form No. : ACT-TRF-62619 Revision..... : 1.1		
Test item description : Rechargeable Lithium Battery Trade Mark..... : SOK BATTERY Model/Type reference : SK24V150PH-Marine Ratings : Refer to Marking Plate Section		
Summary of testing : The received sample of SOK BATTERY Model SK24V150PH-Marine Rechargeable Lithium Battery <u>fulfils</u> the requirements of the Standard IEC 62619:2022 and clause 2.9.3 of the standard AS/NZS 3004.2:2014+A1:2015.		
 AUCKLAND LAB A Division of ACT NZ LTD	Tested by (name + signature): Duke Du	Duke Du
	Approved by (name + signature): John Liu	John Liu

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.



Marking Label

Test item particulars	Rechargeable Lithium Battery		
Net Weight	31 kg approx.		
Dimensions	435 mm(L) x 240 mm(W) x 280 mm(H) approx.		
Possible test case verdicts:			
- test case does not apply to the test object ..: N/A			
- test object does meet the requirement			
- test object does not meet the requirement ..: F (Fail)			
- object for information or notification only ...: Noted			
Supplied Documentation			
<u>Report No</u>	<u>Testing Body</u>	<u>Date</u>	<u>Standard</u>
SC249SXC 001	TUV Rheinland (Shanghai) Co., Ltd	29/04/2024	IEC 62619:2022
Testing			
Date of receipt of test item: 20/11/2025			
Date (s) of performance of tests			
20/11/1025 – 31/12/2025			
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. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a ☐ comma / ☒ point is used as the decimal separator. All our IECEE testing equipment met the accuracy requirements in accordance with IECEE OD-5014:2019. if required, it is available in the ACT NZ LTD Testing laboratory at customer's request. Determination of the test results from IEC standards in CB scheme includes consideration of measurement uncertainty from the accuracy of these test equipment. For these testing standards which are outside the scope of IEC CB Scheme, the decision rule regarding measurement uncertainty is not taken into account when making compliance decisions.			

Technical Notes ACTE2025111004 R1.1:

Auckland Lab Report No. ACTE2025111004 R1.1 replaces and cancels Report No. ACTE2025111004 on the date of the issuance.

Compared with the original report, the following revisions have been made:

1. Client name and report title: The client's name has been updated from Solagen NZ to Sogen Energy Ltd, reflecting the client's change of company name. Accordingly, the report title has been updated from "ACTE2025111004 Solagen NZ Batteries – SK24V150PH" to "ACTE2025111004 R1.1 Sogen Energy Ltd Batteries – SK24V150PH-Marine".
2. Battery model designation: The battery model designation has been updated from SK24V150PH to SK24V150PH-Marine, based on the declaration provided by Sogen Energy Ltd confirming that the battery submitted for testing and identified in the original report as SK24V150PH was the SK24V150PH-Marine model.

See the declaration from Sogen Energy Ltd below.



To: Auckland Labs
Attention: Duke
Date: 24 September 2026

I, Brendon Shervell, Director of Sogen Energy Ltd, Nelson, New Zealand, declare the following in relation to the battery submitted for testing under the above report:

1. The battery received and tested by Auckland Lab, identified in the test report as model SK24V150PH is and always was model SK24V150PH-Marine.
2. The battery submitted for testing is the same battery intended to be identified as model SK24V150PH-Marine. No substitution, modification or change was made to the battery between submission and testing.
3. At the time of submission, the marine version of the battery shared the SKU "SK24V150PH" with the standard non marine version of the battery. Following submission, it was determined that a separate SKU was required to differentiate the marine version from the standard version. The model SK24V150PH-Marine was created for this purpose.
4. The design, construction and specification of the battery submitted for testing to AS/NZS 3004 are identical to those of the SK24V150PH-Marine battery supplied to market.

I request that the test report be revised to show the model number as SK24V150PH-Marine.

I confirm the information in this declaration is true and correct.

Signed: 
Name: Brendon Shervell
Position: Director
Company: Sogen Energy Ltd
Address: 14 Beccles Lane, Nelson NZ
Date: 24th September 2026

Technical Notes ACTE2025111004:

Requirement (a) of AS/NZS 3004.2:2014 + A1:2015 requires lithium-ion batteries to be installed in locations that ensure the battery manufacturer's specified operating temperature limits are not exceeded and that are appropriate for the IP rating of the battery and its management system.

Sogen Energy Ltd has advised that this requirement is specified in Section 3.1 of the product instruction manual. Sogen Energy Ltd does not perform or sign off on the installation and, therefore, cannot declare that the battery will be installed in accordance with this requirement.

Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
4	PARAMETER MEASUREMENT TOLERANCES		P
	Parameter measurement tolerances		P
5	GENERAL SAFETY CONSIDERATIONS		P
5.1	General		P
	Cells and batteries are safe under conditions of both intended use and reasonably foreseeable misuse:		P
	Moving parts shall be applied using an appropriate design and necessary measures to reduce the risk of injuries.	<i>No moving parts</i>	N/A
5.2	Insulation and wiring		P
	Voltage, current, altitude, and humidity requirements		P
	Adequate clearances and creepage distances between connectors		P
	The mechanical integrity of internal connections		P
	Hazardous live parts of the battery system shall be protected to avoid the risk of electric shocks	<i>All voltages are SELV</i>	N/A
5.3	Venting		P
	Pressure relief function		P
	Encapsulation used to support cells within an outer casing		P
5.4	Temperature/ voltage/ current management		P
	The design prevents abnormal temperature- rise		P
	Voltage, current, and temperature limits of the cells		P
	Specifications and charging instructions for equipment manufacturers		P
5.5	Terminal contacts of the battery pack and/ or battery system		P
	Polarity marking(s)		P
	Capability to carry the maximum anticipated current		P
	External terminal contact surfaces		P
	Terminal contacts are arranged to minimize the risk of short circuits		P

Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
5.6	Assembly of cells, modules, or battery packs into battery systems		P
5.6.1	General		P
	Independent control and protection method(s)	<i>Only one battery system</i>	P
	Recommendations of cell operating limits by the cell manufacturer		P
	Batteries designed for the selective discharge of a portion of their series connected cells		N/A
5.6.2	Battery system design		P
	The voltage control function		P
	The current control function		P
5.7	Operating region of lithium cells and battery systems for safe use		P
	The cell operating region.....:		P
	Designation of battery system to comply with the cell operating region		P
5.8	System lock		P
	The battery system shall have a non-resettable function to stop operation when one or more cells in the battery system deviates from the operating region during operation.		P
	The function of the battery system may be returned after checking that the status of the battery system complies with the battery system manufacturer manual.		N/A
5.9	Quality plan		P
	Manufacturing quality plan (for example: ISO9001, etc.) prepared and implemented.....:		P

6	TYPE TEST CONDITIONS		P
6.1	General		P
6.2	Test items		P
	Cells or batteries that are not more than six months old (See Table 1 of IEC62619)		P
	Capacity confirmation of the cells or batteries		P
	Default ambient temperature of test, 25 °C ± 5 °C		P

Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
7	SPECIFIC REQUIREMENTS AND TESTS		P
7.1	Charging procedure for test purposes		P
	The battery discharged to a specified final voltage prior to charging		P
	The cells or batteries charged using the method specified by the manufacturer		P
7.2	Reasonably foreseeable misuse		P
7.2.1	External short-circuit test (cell or cell block)	<i>Not required.</i>	N/A
	Short circuit with total resistance of 0 mΩ ± 10 mΩ at 25 °C ± 5 °C		N/A
	Results: no fire, no explosion		N/A
7.2.2	Impact test (cell or cell block)	<i>Not required.</i>	N/A
	Cylindrical cell, longitudinal axis impact		N/A
	Prismatic cell, longitudinal axis and lateral axis impact		N/A
	Results: no fire, no explosion.		N/A
7.2.3	Drop test (cell or cell block, and battery system)		P
7.2.3.1	General		P
7.2.3.2	Whole drop test (cell or cell block, and battery system)	<i>Weight greater than 20kg but less than 50kg.</i>	N/A
	Description of the Test Unit.....		N/A
	Mass of the test unit (kg)		N/A
	Height of drop (m).....		N/A
	Results: no fire, no explosion		N/A
7.2.3.3	Edge and corner drop test (cell or cell block, and battery system)		P
	Description of the Test Unit		P
	Mass of the test unit (kg)	<i>31kg.</i>	P
	Height of drop (m).....	<i>0.1m.</i>	P
	Results: no fire, no explosion	<i>No fire, no explosion.</i>	P
7.2.4	Thermal abuse test (cell or cell block)		N/A
	Results: no fire, no explosion		N/A
7.2.5	Overcharge test (cell or cell block)	<i>Not required.</i>	N/A
	For those battery systems that are provided with only a single protection for the charging voltage control		N/A

Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
	Results: no fire, no explosion		N/A
7.2.6	Forced discharge test (cell or cell block)	<i>Not required.</i>	N/A
	Upper limit charge voltage of the cell		N/A
	Cells connected in series in the battery system :		N/A
	Redundant or single protection for discharge voltage control provided in battery system		N/A
	Target Voltage		N/A
	Maximum discharge current of the cell, I_m		N/A
	Discharge current for forced discharge, $1.0 I_t$		N/A
	Discharging time, $t = (1 I_t / I_m) \times 90$ (min.)		N/A
	Results: no fire, no explosion		N/A
7. 3	Considerations for internal short-circuit – Design evaluation		N/A
7.3.1	General		N/A
7.3.2	Internal short-circuit test (cell)		N/A
	Samples preparation procedure: a), in accordance with 8. .9 of IEC621 :2012; or b), the nickel particle inserted before charging, or c), the nickel particle was inserted before electrolyte filling.....:		N/A
	Tested according to Cl. 8. .9 of IEC 621 :2012 test method, except all tests were carried out in an ambient temperature of $25\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$.		N/A
	The appearance of the short-circuit location recorded by photograph or other means		N/A
	The pressing was stopped - When a voltage drop of 50 mV was detected: or		N/A
	- The pressing force of 800 N (cylindrical cells) or 400 N (prismatic cells) was reached		N/A
	Results: no fire, no explosion		N/A
7.3.3	Propagation test (battery system)		N/A
	Method to create a thermal runaway in one cell:		N/A
	Results: No external fire from the battery system or no battery case rupture		N/A

Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
8	BATTERY SYSTEM SAFETY (CONSIDERING FUNCTIONAL SAFETY)		P
8.1	General requirements		P
	Functional safety analysis for critical controls		P
	Conduct of a process hazard, risk assessment and mitigation of the battery system		P
8.2	Battery management system (or battery management unit)		P
8.2.1	Requirements for the BMS		P
	The safety integrity level (SIL) target of the BMS		P
	The charge control evaluated by tests in clauses 8.2.2 to 8.2.4		P
8.2.2	Overcharge control of voltage (battery system)		P
	The exceeded charging voltage applied to the whole battery system		P
	The exceeded charging voltage applied to only a part of the battery system, such as the cell(s) ...:		N/A
	Results: no fire, no explosion : (See table 8.2.2)		P
	The BMS interrupted the overcharging before reaching 110% of the upper limit charging voltage		P
8.2.3	Overcharge control of current (battery system)		P
	Results: no fire, no explosion : (See table 8.2.3)		P
	The BMS detected the overcharging current and controlled the charging to a level below the maximum charging current		P
8.2.4	Overheating control (battery system)		P
	The cooling system, if provided, was disconnected		N/A
	Elevated temperature for charging, 5 °C above maximum operating temperature :		P
	Results: no fire, no explosion : (See table 8.2.4)		P
	The BMS detected the overheat temperature and terminated charging		P
	The battery system operated as designed during test		P

Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
9	EMC		N/A
	The battery system shall fulfil EMC requirements of the end-device application such as stationary, traction, railway, etc. or the specific requirements agreed between the end-device manufacturer and the battery system manufacturer. The EMC test may be conducted on the end-device, if feasible.		N/A
10	INFORMATION FOR SAFETY		P
	The cell manufacturer provides information about current, voltage and temperature limits of their products		P
	The battery system manufacturer provides information regarding how to mitigate hazards to equipment manufacturers or end- users.		P
11	MARKING AND DESIGNATION (REFER TO CLAUSE 5 OF IEC 62620)		P
	The marking items shown in Table 1 in IEC 62620 indicated on the cell, battery system or instruction manual.		Noted
	Cell or battery system has clear and durable markings		P
	Cell designation		N/A
	Battery designation		P
	Battery structure formulation		P
	Marking information:		P
	Secondary (rechargeable) Li or Li-ion	<i>Rechargeable Lithium Iron.</i>	P
	Polarity	<i>Polarity near terminals.</i>	P
	Date of manufacture	<i>See marking plate.</i>	P
	Name or identification of manufacturer or supplier		P
	Rated capacity	<i>150Ah 3840wh.</i>	P
	Calculated rated capacity		N/A
	Method for calculating rated capacity		N/A

Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
	• Nominal voltage	25.6Vdc.	P
	• Appropriate caution statement	See marking plate.	P
	• Cell designation		N/A
	• Battery designation		P
	Information to be marked or supplied with:		P
	• Disposal instructions	See marking plate.	P
	• Recommended caution statement	See marking plate.	P

ANNEX A	OPERATING REGION OF CELLS FOR SAFE USE		P
A.1	General		P
A.2	Charging conditions for safe use		P
A.3	Consideration on charging voltage		P
A.4	Consideration on temperature		P
A.5	High temperature range	65 °C	P
A.6	Low temperature range	-5°C for charge and -20 °C for discharge.	P
A.7	Discharging conditions for safe use		P
A.8	Example of operating region		P

ANNEX B	PROCEDURE OF 7.3.3 PROPAGATION TEST BY LASER IRRADIATION		N/A
B.1	General	Annex C method used instead	N/A
B.2	Test conditions:		N/A
B.2.1	Cell test (preliminary test)		N/A
	- The cell is fully charged according to the manufacturer specified conditions		N/A
	- Prepare and set the measurement equipment for cell temperature		N/A
	- Irradiate the cell with the laser at the determined point. When rapid temperature increase is observed due to cell thermal runaway, the laser is turned off		N/A

Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
	- Observe the cell temperatures and appearance until the cell temperature decreases enough for safe handling		N/A
	- The cell test should be repeated 3 times. If thermal runaway is confirmed on each test with the same conditions, go to the battery system test with the same irradiation condition		N/A
B.2.2	Battery system test (main test)		N/A
	- The battery fully charged according to the manufacturer recommended conditions		N/A
	- Prepare and set the measurement equipment for cell temperature		N/A
	- Irradiate the cell with the laser at the determined point. When rapid temperature increase is observed due to cell thermal runaway, the laser is turned off		N/A
	- Observe the cell temperatures and appearance until the cell temperature decreases enough for safe handling		N/A

ANNEX C	PROCEDURE OF 7.3.3 PROPAGATION TEST BY METHODS OTHER THAN LASER		N/A
C.1	General		N/A
C.2	Test conditions:		N/A
	- The battery fully charged according to the manufacturer recommended conditions		N/A
	- Target cell forced into thermal runaway		N/A
	- A specially prepared sample (e.g., a heater or a hole for nail penetration provided) used for ease of testing.....		N/A
C.3	Method used for initiating the thermal runaway. 1) Heater (Heater, Burner, Inductive heating 2) Overcharge 3) Nail penetration of the cell 4) Combination of above methods Other methods		N/A

ANNEX D	PACKAGING		P
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Section 1: IEC 62619:2022

Clause	Requirement - Test	Result - Remark	Verdict
	The materials and pack design chosen in such a way as to prevent the development of unintentional electrical conduction, corrosion of the terminals and ingress of environmental contaminants		P

Section 2: Clause 2.9.3 of AS/NZS 3004.2:2014 + A1

Clause	Requirement - Test	Result - Remark	Verdict
2.9.3	Additional requirements for lithium-ion batteries		P
	The following additional requirements apply:		P
	(a) Lithium-ion batteries shall be installed in locations that ensure the battery manufacturer's specified operating temperature limits cannot be exceeded and are appropriate for the IP rating of the battery and its management system.	<i>Refer to Technical Notes section.</i>	Noted
	(b) Each lithium-ion battery shall be provided with a battery management safety system (BMS) either integrated into a battery pack or as a separate component located adjacent to the battery. The BMS shall continuously monitor the voltage and temperature of each cell in the battery.	<i>BMS provided.</i>	P
	(c) All charging sources shall be automatically disconnected by the BMS when voltage exceeds the manufacturer's recommended maximum.	<i>Tested as specified. Charging disconnected when voltage exceeds the maximum by 10%. (See appended table)</i>	P
	(d) All connected load shall be automatically disconnected by the BMS when the voltage falls below the manufacturer's recommended minimum.	<i>Tested as specified. Load disconnected when voltage falls below the minimum.</i>	P
	(e) The battery shall be automatically disconnected by the BMS from all connected load and all charging sources when temperature exceeds the manufacturer's specified maximum.	<i>Tested as specified. Charging disconnected when temperature exceeds the maximum. (See appended table)</i>	P
	(f) The BMS shall provide an audible and visual alarm at the normal vessel operating position before a disconnection event occurs.	<i>Audible and visual alarm provided.</i>	P
	(g) Lithium-ion battery ventilation air flows shall be in accordance with the manufacturer's requirements. If specific air flow data is not provided the requirements of Clauses 2.9.2.2 or 2.9.2.3 shall be applied.		P
	NOTE: Care must be exercised when disabling charging sources to avoid the risk of elevated voltages that may damage the equipment.		Noted

Tables of Results:

7.2.1	TABLE: External short-circuit test (cell or cell block)					N/A
Sample No.	Ambient	OCV at start of test (Vdc)	Resistance of Circuit (mΩ)	Maximum Case Temperature Rise $\Delta T(K)$	Results	
-	-	-	-	-	-	
Supplementary information: Results: A - No fire or Explosion B - Fire C - Explosion D - The test was completed after 6 h E - The test was completed after the cell casing cooled to 20 % of the maximum temperature rise F - Other (Please explain):						

7.2.5	TABLE: Overcharge test (cell or cell block)					N/A
Sample No.	OCV at start of test (Vdc)	OCV at end of test (Vdc)	Measured Maximum Charging Current (A)	Measured Maximum Charging Voltage (Vdc)	Max. Cell Case Temperature (°C)	Results
-	-	-	-	-	-	-
Supplementary information: Results: A - No fire or Explosion B - Fire C - Explosion D - Test concluded when temperature reached a steady state condition E - Test concluded when temperature returned to ambient F - Other (Please explain):						

7.2.6	TABLE: Forced Discharge Test (cell or cell block)					N/A
Sample No.	OCV Before Applying Reverse Charge (Vdc)	Target Voltage (Vdc)	Measured Reverse Charge Current It (A)	Total Time For Reversed Charge Application (min)	Results	
-	-	-	-	-	-	
Supplementary information: Results: A - No fire or Explosion B - Fire C - Explosion D - Other (Please explain):						

7.3.2	TABLE: Internal short-circuit test (cell)				N/A
Sample No.	OCV at start of test, (Vdc)	Particle location 1)	Maximum applied pressure, (N)	Results	
-	-	-	-	-	
Supplementary information: 1) Identify one of the following: 1: Nickel particle inserted between positive and negative (active material) coated area. 2: Nickel particle inserted between positive aluminium foil and negative active material coated area. Results: A - No fire or Explosion B - Fire C - Explosion D - Test concluded when 50 mV voltage drop occurred prior to reaching force limit E - Test concluded when 800/400 N pressure was reached and 50 mV voltage drop was not achieved F - Test was concluded when fire or explosion occurred G - Other (Please explain):					

7.3.3	TABLE: Propagation Test (Battery System)					N/A
Sample No.	OCV of Battery System Before Test (Vdc)	OCV of Target Cell Before Test (Vdc)	Maximum Cell Case Temperature (°C)	Maximum DUT Enclosure Temperature (°C)	Results	
--	--	--	--	--	--	
Method of Cell Failure ¹⁾		Location of Target Cell		Area for Fire Protection (m ²)		
Nail penetration		2 nd cell from terminal		N/A		
Supplementary information:						
1) Cell can be failed through applied heat, overcharge, nail penetration or combinations of these failures or other acceptable methods. See supporting documentation for details on cell failure method.						
2) If the battery system has no outer covering, the manufacturer is required to specify the area for fire protection.						
Results:						
A - No fire external to DUT enclosure or area for fire protection or no battery case rupture						
B - Fire external to DUT enclosure or area for fire protection						
C - Explosion						
D - Battery case rupture						
E - Other (Please explain):						

8.2.2	TABLE: Overcharge Control of Voltage (battery system)				P
Sample No.	OCV at Start of Test of Cell/Cell Blocks (Vdc)	Maximum Charging Current (A)	Max. Charging Voltage of Battery System (Vdc)	Max. Voltage of cell/cell Blocks (Vdc)	Results
SK24V150PH-Marine	2.9	200	29.2	3.1	A, D, F
			Charge Voltage Applied Battery System: 1)		
			Whole	Part	
			☒	☐	
Supplementary information: Results: A - No fire or Explosion B - Fire C - Explosion D - The voltage of the measured cells or cells blocks did not exceed the upper limit charging voltage E - The voltage of the measured cells or cells blocks did exceed the upper limit charging voltage F - All function of battery system did operate as intended during the test G - All function of battery system did not operate as intended during the test H - Other (Please explain):					

8.2.3	TABLE: Overcharge control of current (battery system)			P
Sample No.	OCV at Start of Test, (Vdc)	120% of Max. Charging Current (A)	Max. Charging Voltage (Vdc)	Results
SK24V150PH-Marine	24.8	240	29.2	A, D, G
Supplementary information: Results: A - No fire or Explosion B - Fire C - Explosion D - Overcurrent sensing function of BMS did operation and then charging stopped E - Overcurrent sensing function of BMS did not operation and then charging stopped F - All function of battery system did operation as intended during the test G - All function of battery system did not operation as intended during the test H - Other (Please explain):				

8.2.4	TABLE: Overheating Control (battery system)			P
Sample No.	OCV at Start (SOC 50%) of Test (Vdc)	Maximum Charging Current (A)	Maximum Charging Voltage (Vdc)	
SK24V150PH-Marine	25.0	200	29.2	
Maximum Specified Temperature of Battery System °C		Maximum Measured Cell Case Temperature	Results	
65		67.2	A, D, G	
Supplementary information:				
Results:				
A - No fire or Explosion				
B - Fire				
C - Explosion				
D - Overcurrent sensing function of BMS did operation and then charging stopped				
E - Overcurrent sensing function of BMS did not operation and then charging stopped				
F - All function of battery system did operation as intended during the test				
G - All function of battery system did not operation as intended during the test				
H - Other (Please explain):				

TABLE: Components information					
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Li-ion Cell	EVE POWER Co., Ltd	LF150	3.22V, 150Ah	IEC 62619:2022	Test Report No. CN249SXC 001
Li-ion Cell	EVE POWER Co., Ltd	LF150	3.22V, 150Ah	IEC 62619:2022	Certification No. JPTUV-160168
Hot aerosol fire extinguishing device	ShenZhen City FUJI Technology Co., Ltd	QRR0.01GW /S	Use temp: -40°C–75 °C Protect space: ≤ 0.2m ³	--	--
Supplementary information: N/A					

Photographs: SOK BATTERY Model SK24V150PH-Marine Lithium Battery



Overview



Front View



Side View



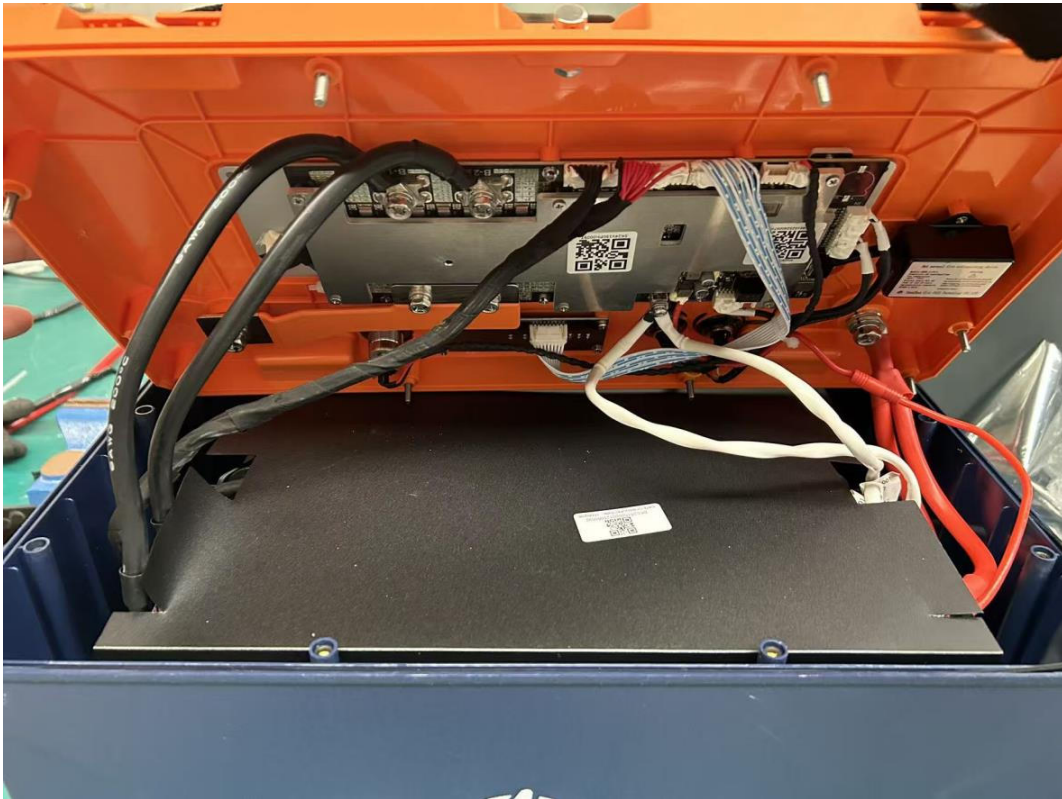
Top View



Terminal and Push Button



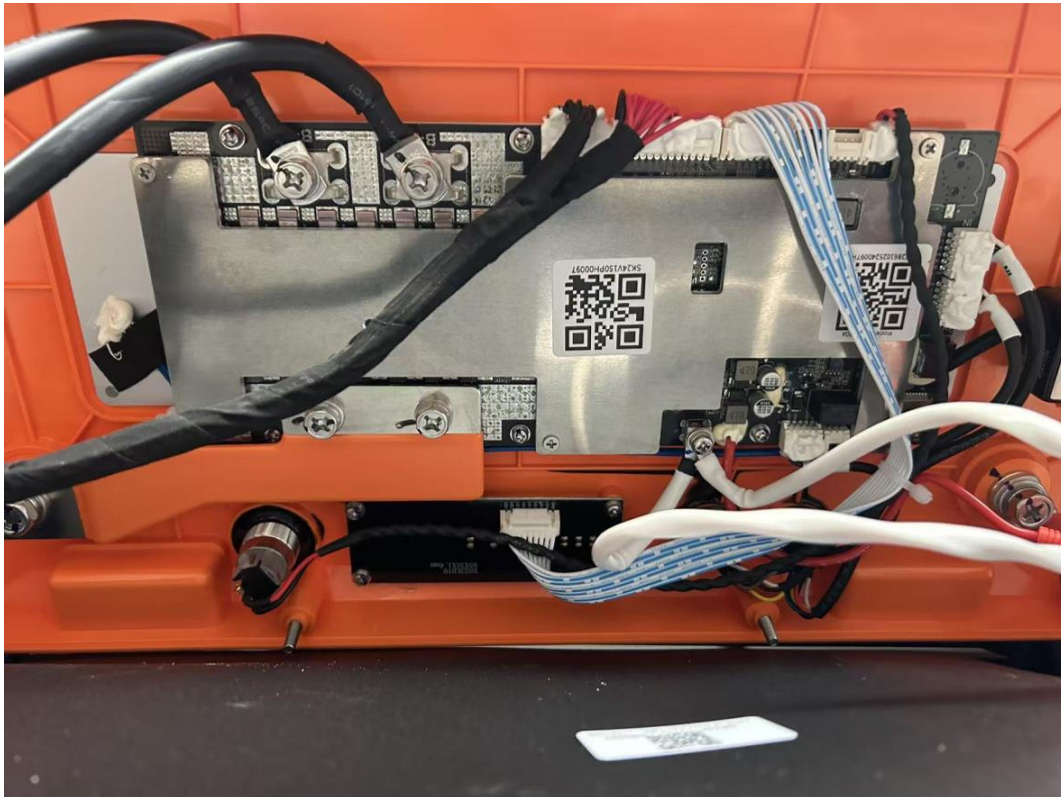
Battery Display



Internal Overview



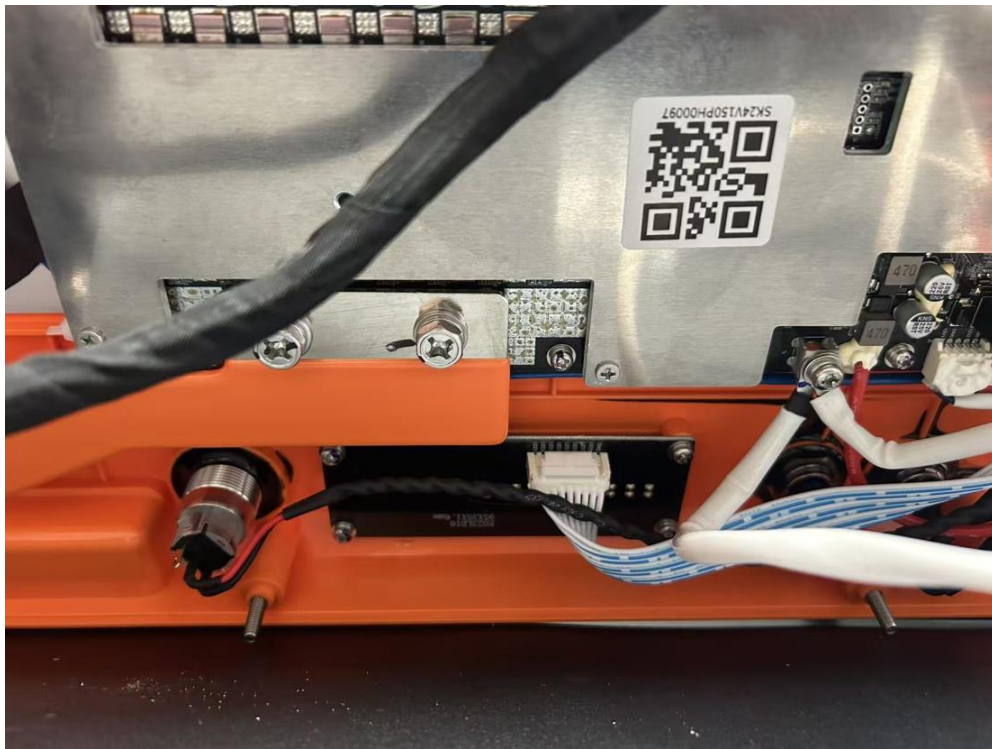
Internal Overview



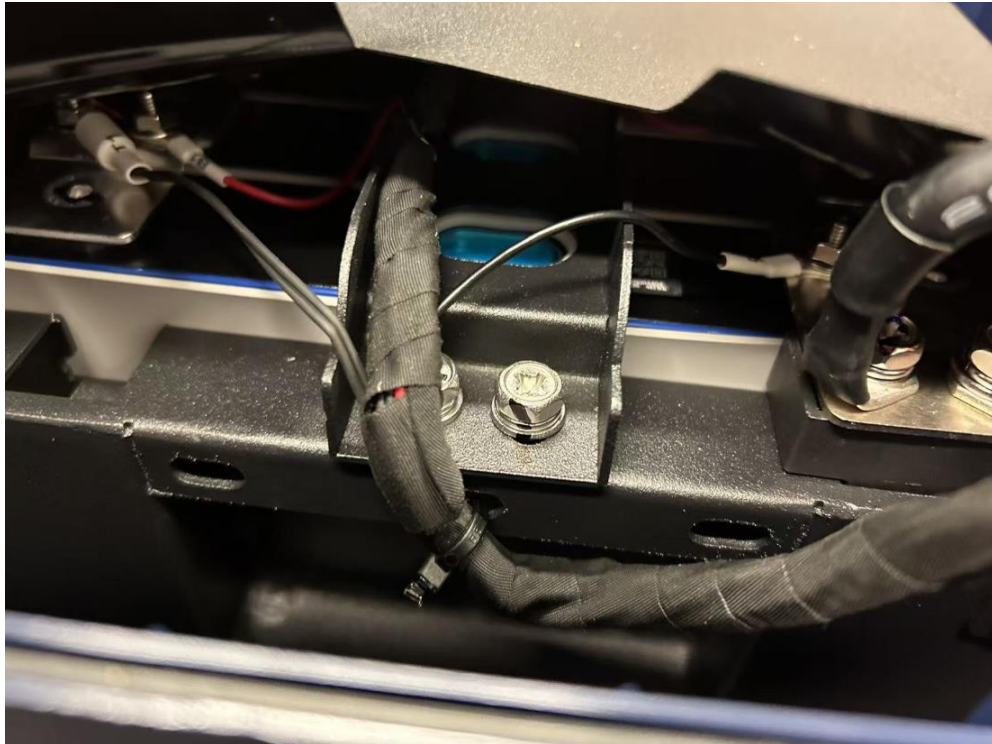
BMS Detail



Internal Detail



Internal Detail



Cell Detail

End of Report ACTE2025111004 R1.1

TRF No. ACT-TRF-62619 Rev 1.1