
Certificate of Test Conformance Number: 104247 Issue 1

Customer Name & Address: Sonardyne International Limited
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Customer Order Number: 83463

Test Item(s) Receipt Date: 26th November 2018

Test Item(s) Description: Primary (non rechargeable) Lithium-Thionyl Chloride (Li-SOCI₂) AA-sized cells Type LS14500 with additional diode and polyswitch protection. The battery back is made of nine cells in parallel (1S9P), diode OR circuit protects against back charge. The pack is protected by the polyswitch rated to 2.6A hold current and 5A trip current.
0.164kg, 84Wh

Test Item(s) Part Number(s): 8326-005

Test Item(s) Serial Number(s): 320767-001, 320767-002, 320767-005, 320767-006
320767-007, 320767-008, 320767-010, 320767-011

Test Item(s) Quantity: 8

Reference Standard(s): UN Regulation ST/SG/AC.10/11/Rev.6

Applied Test(s): 38.3.4.1: Test T1: Altitude Simulation
38.3.4.2: Test T2: Thermal Test
38.3.4.3: Test T3: Vibration
38.3.4.4: Test T4: Shock
38.3.4.5: Test T5: External Short Circuit (**Non UKAS**)

Test Date(s): 26th November to 11th December 2018

Test Results: The detailed tests were performed in accordance with the requirements of the defined environmental test standard.

The battery assemblies successfully met the requirements of each of the defined tests, as prescribed in the aforementioned UN regulation.

Author:



Kia Tabrizi
Test Lab Engineer

Approval:



Paul Lee
Test Lab Manager

Issue Date:

12th May 2021

*The results detailed herein relate only to the test item(s) submitted for testing.
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.*