


Lithium Cells or Batteries Test Summary
In accordance with subsection 38.3 of the Manual of Tests and Criteria

Battery Transportation Information

Name of the cell, battery or product manufacturer as applicable: Item Name: Bad Elf GNSS Surveyor Item SKU: BE-GPS-3300 Battery Type: Lithium-Ion Battery		Cell, Battery, or product manufacturer's contact information to include address, phone number, email address, and website for more information: Bad Elf, LLC 7 South Main Street, Suite 201 West Hartford, CT 06107-2401 United States +1-855-422-3353 support@bad-elf.com																			
Name of the test laboratory to include address, phone number, email address and website for more information. Shenzhen TCT Testing Technology Co. Ltd. 1B/F., Building 1, Yibaolai Industrial Park. Qiaotou, Fuyong, Boan District Shenzhen, Guandong China +86 755 2767 3339 tom@tct-lab.com		Unique Test Report ID Number: TCT200224B002	Date of the test report: 11-MAR-2020																		
Description of cell or battery to include at a minimum: Lithium-ion or Lithium metal cell or battery; Mass; Watt-hour rating, or lithium content; physical description of the cell/battery; and Model numbers; Cell/battery Type: Lithium-Ion Cell or Battery: Battery LC or W/h rating: 5.92 Wh Weight: 28.0 g		List of the tests conducted and results (i.e. pass/fall): <table style="width: 100%; border-collapse: collapse;"> <tr><td>Test T.1: Altitude Simulation:</td><td style="text-align: right;">Pass</td></tr> <tr><td>Test T.2: Thermal Test:</td><td style="text-align: right;">Pass</td></tr> <tr><td>Test T.3: Vibration:</td><td style="text-align: right;">Pass</td></tr> <tr><td>Test T.4: Shock:</td><td style="text-align: right;">Pass</td></tr> <tr><td>Test T.5: External short circuit:</td><td style="text-align: right;">Pass</td></tr> <tr><td>Test T.6 Impact/Crush:</td><td style="text-align: right;">Pass</td></tr> <tr><td>Test T.7: Overcharge:</td><td style="text-align: right;">Pass</td></tr> <tr><td>Test T.8: Forced discharge:</td><td style="text-align: right;">Pass</td></tr> <tr><td>Testing additional comments:</td><td style="text-align: right;">n/a</td></tr> </table>		Test T.1: Altitude Simulation:	Pass	Test T.2: Thermal Test:	Pass	Test T.3: Vibration:	Pass	Test T.4: Shock:	Pass	Test T.5: External short circuit:	Pass	Test T.6 Impact/Crush:	Pass	Test T.7: Overcharge:	Pass	Test T.8: Forced discharge:	Pass	Testing additional comments:	n/a
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Reference to assembled battery testing requirements, if applicable (i.e. 38.3.3(f) and 38.3.3(g)): <p style="text-align: center;">n/a</p>	Reference to the revised edition of the Manual of Test and criteria used and to amendment thereto, if any: <p style="text-align: center;">Revision 6 (10/11/Rev.6/Amend.1)</p>	For air transport only: Does the cell or battery comply with the 30% SoC? <p style="text-align: center;">n/a</p>																			
Product Classification for Transport																					
UN Classification: UN 3481		Proper Shipping Name: Lithium-ion batteries contained in equipment																			
Name and Title of Signatory John McLellan Product Manager 		This document remains valid as long as no changes, modifications, or additions are made to the model described in this document. The model has been classified according to the applicable transportation regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model must be packaged, labeled and documented according to country and other international regulations for transport.																			
Date document was generated: 17-JUNE-2023																					