

## UN38.3 LITHIUM BATTERY TEST SUMMARY

We, certify that the following Battery Pack is of the type proved to meet the requirements of each applicable test in the recommendations of the: TRANSPORT OF DANGEROUS GOODS, UN Manual of Tests and Criteria, Part III, Subsection 38.3.

<b>*LITHIUM ION BATTERY UN3480 (Fully Regulated Class 9)</b>	
<b>*LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT UN3481 (Fully Regulated Class 9)</b>	
<b>*LITHIUM ION BATTERIES PACKED WITH EQUIPMENT UN3481 (Fully Regulated Class 9)</b>	
<b>Battery model/description</b>	Standard Battery G3-171, Actsafe, Li-ion Rechargeable Battery Pack Standard Battery G3-171 (17S/1P) (MSDS Product No: ANR26650M1B), weight 2.5 kg
<b>Battery Part No</b>	AT-19-004 (POA-015)
<b>Nominal Voltage – Rated Capacity</b>	Cell voltage 3.3V, pack voltage 56.1V, cell capacity 2.5Ah, pack capacity 2.5Ah
<b>Watt-hour rating/Density Capacity</b>	140.25 Wh
<b>Classification</b>	UN Manual of Tests and Criteria, Part III, Subsection 38.3, Fifth Edition/Amend.2 and US DOT 49CFR 173-185:
<b>Date of Certificate</b>	2015-12-22
<b>Report ID</b>	Certificate No: 20151222-4787065823-STANDARD BATTERY G3171
<b>Test House</b>	UL International Polska Sp z o.o, Aleja Krakowska 81, 05-090 Sekocin Nowy, Poland. Phone +48223363364, E-mail info@ul.com, www.ctech.ul.com
<b>Manufacturer</b>	ActSafe Systems AB, Sagbäcksvägen 13, 43731 Lindome, SWEDEN Phone +4631655660, E-mail: info@actsafe.se
<b>Class</b>	9 – Miscellaneous Dangerous Goods
<b>ICAO/IATA/Packing Instructions</b>	PI 965 Section 1A/ PI 966 Section I / PI 967 Section I / Limitations Table 2.3.A
<b>IMDG Packing Instruction</b>	P903
<b>ADR Packing Instructions</b>	P903

#	PERFORMED TEST		SCOPE	RESULT
1	38.3.4.1	Altitude simulation	Battery Pack	✓ PASS
2	38.3.4.2	Thermal Test	Battery Pack	✓ PASS
3	38.3.4.3	Vibration	Battery Pack	✓ PASS
4	38.3.4.4	Shock	Battery Pack	✓ PASS
5	38.3.4.5	External short circuit	Battery Pack	✓ PASS
6	38.3.4.6	Impact	Cells	N/A
7	38.3.4.7	Overcharge	Battery Pack	✓ PASS
8	38.3.4.8	Forced Discharge	Cells	N/A

### Declaration of Quality Assurance

We, Skylotec Nordic AB, Sagbäcksvägen 13, SE-43731 Lindome, Sweden, declare under our sole responsibility that the following shipment of products mentioned in this certificate have undergone final quality assurance measures including, but not limited to:

- 100% visual inspection and functional testing in normal mode.
- The products herewith comply with the requirements set forth by Skylotec Nordic's quality standards.
- The products were manufactured according to the specifications of each product and tested in typical configurations.
- Stand-alone batteries shipped as UN3480 are new and have a charging of 30% due to IATA regulations April 1, 2016.
- The exporter of the products covered by this document declares that, except where otherwise clearly indicated, these products are of EC (Sweden) preferential origin.

Lindome, Sweden

February 14, 22

Place and date of Issue

Michael Melin  
Authorized Person



Quality Manager

Date: 04/24/19

ATTENTION: Customers

RE: Cell Label Change

This letter is to inform you that after acquisition of A123's 26650 and 18650 cell assembly factory's and cell design by Lithium Werks LLC a change was made to the labeling used on the 18650 and 26650 cells.

The new Lithium Werks label will carry all the information currently on the A123 label and will carry the same UN and UL certifications as the current A123 labeled cell. There has been no change to the electrochemistry, assembly specifications or product specifications only the name on the cell label.

Lithium Werks began using this new label in cell production in September of 2018.

Best regards,

A handwritten signature in black ink, appearing to read "Marcus Higginbotham".

Marcus Higginbotham

Director of Global Quality

A handwritten signature in black ink, appearing to read "John Aittama".  
John Aittama.  
Chief Operations Officer