

CERTIFICATION FOR LITHIUM BATTERY

TRANSPORTATION CERTIFICATE

Concerning the transport according to the dangerous goods regulations of the different transport modes as in force since January, 1st 2003 and changes effective from 2015

WE HEREWITH CERTIFY THAT EACH BATTERY OF THIS TYPE IS PROVED TO MEET THE REQUIREMENTS OF EACH APPLICABLE TEST IN THE UN MANUAL OF TESTS AND CRITERIA, PART III, SUB-SECTION 38.3, REV. 5, AMEND. 2

CERTIFICATE/REPORT NO.:	BU-2015-03797-1-SP BU-2012-000370-UN
UN No. / Shipping name:	UN 3480 LITHIUM ION BATTERY UN 3481 LITHIUM ION BATTERY packed with equipment / contained in equipment
Certified Product:	LITHIUM ION BATTERY (rechargeable)
Model Designation:	5S1P US18650VTC4 (18V/2.1Ah)
Article Number:	29015-00 29014-00
Certificate Holder:	Von Arx AG Gelterkindstrasse 24 · CH-4450 Sissach · Switzerland

PERFORMED TESTS	RESULTS
38.3.4.1 Test 1: Altitude Simulation	passed
38.3.4.2 Test 2: Thermal Test	passed
38.3.4.3 Test 3: Vibration	passed
38.3.4.4 Test 4: Shock	passed
38.3.4.5 Test 5: External Short Circuit	passed
38.3.4.6 Test 6: Impact/Crush	not applicable
38.3.4.7 Test 7: Overcharge	passed
38.3.4.8 Test 8: Forced Discharge	not applicable

▶ **Watt-hour rating of the battery: 37,80 Wh** ◀

As the Watt-hour rating of the battery is not more than 100 Wh, this lithium ion battery is not subject to other provisions of ADR, RID, ADN and IMDG-Code if shipped in compliance with Special Provision 188.

Effective January 1, 2013 this lithium ion battery can be shipped by air in accordance with ICAO-TI or IATA-DGR, Section II or Section IB, Packing Instructions (PI) 965 (Lithium Ion Batteries), PI 966 (Lithium Ion Batteries, packed with equipment) and PI 967 (Lithium Ion Batteries, contained in equipment) as appropriate.

18.Nov.2015

Date of issue



Signature: Sven Bauer, CEO

**www.battery
university.eu**

batteryuniversity.eu GmbH

Am Sportplatz 30 · 63791 Karlstein (Main)
Tel. +49(0)6188 99 410-0 · Fax 99 410-20
mail@batteryuniversity.eu · www.batteryuniversity.eu

The regulation listed here reflects the status at the time of the release of this certificate.