


UN38.3 Lithium Battery Test Summary in accordance with sub-section 38.3 of Manual of Tests and Criteria

BATTERY TRANSPORTATION INFORMATION

General battery information Item Name/Model : Epsilon 12V150Ah Item Description : Secondary (rechargeable) lithium battery		Battery manufacturer information Super B Lithium Power B.V. Europalaan 202 7559 SC Hengelo, The Netherlands Tel: +31 (0) 88 007 6000 Website: www.super-b.com Email: info@super-b.com	
Name of test laboratory used VDE Renewables GmbH Goethering 43 63067, Offenbach am Main Germany Tel: +49 69 8306-600 Website: www.vde.com/renewables Email: customer-service@vde.com		Test report number 2021-40783-BESS-1	
Description of battery Battery type : Lithium Iron Phosphate (LiFePO4) Wh rating : 1920 Wh battery weight : 15 kg Physical description : Prismatic battery pack		List of conducted tests and results (i.e., pass/fail) 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 : Not applicable Test T.7: Overcharge : Pass Test T.8: Forced Discharge : Not applicable	
Reference to assembled battery testing requirements, if applicable (i.e. 38.3.3(f) and 38.3.3(g)): Not applicable		Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any: 7th revised edition and amend. 1	
		For air transport only: Does the battery comply with the 30% State of Charge: When shipped by air: yes	
PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN – DGP)			
UN classification: UN 3480		Proper Shipping Name Lithium Batteries	
The manufacturing process is carried out according to a documented quality management system ISO 9001 of 04-10-2019, valid until 03-10-2022			
Signature with name and title of signatory as an indication of the validity of information provided:  Maarten Mooij Approvals & testing		This document remains valid as long as no changes, modifications or additions are made to the model(s) described in this document, after being transported from Super B Lithium Power B.V. the model(s) has (have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model(s) must be packaged, labeled and documented according to country and other international regulations for transportation.	
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