

Report Reference Number: un_017_42

Prüfzusammenfassung für Lithiumzellen oder -batterien gemäß Unterabschnitt 38.3 des UN-Prüfhandbuchs

Lithium cell or battery test summary in accordance with sub-section 38.3 of Manual of Tests and Criteria

Manufacturer Details

Name : RCT Power GmbH
Address : Line-Eid-Str. 1, 78467 Konstanz, Germany
Phone Number : +49 7531 99677 0
E-mail : info@rct-power.com

Laboratory Details

Name : Dynamis Batterien GmbH
Address : Brühlstrasse 17, 78465 Konstanz, Germany
Phone Number : +49 7533 93669 0
E-mail : info@dynamis-batterien.de

Data of Test Report : 28. November 2017

Description of Cell Battery

Product Name : Lithium Iron Phosphate (LiFePO₄), Power Battery Stack 1.9
Ratings : 76.8 V, 1,92 kWh, 25 Ah, 22 Kg
Physical Description : ESS Battery, (H) 24mm – (B) 34mm – (T) 34mm

List of Tests, Conducted and Result

Test T.1 :	Altitude Simulation :	PASSED	Test T.5 :	External short circuit :	PASSED
Test T.2 :	Thermal Test :	PASSED	Test T.6 :	Impact/Crush :	N/A
Test T.3 :	Vibration :	PASSED	Test T.7 :	Overcharge :	PASSED
Test T.4 :	Shock :	PASSED	Test T.8 :	Forced Discharge :	N/A

Assembled Battery Testing Requirements : Not applicable

Test Standard : UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Corr.1 of Section 38.3
"Lithium Metal – and Lithium Iron Battery"

Authorized Signatory

Thomas Hauser, CEO of RCT Power GmbH, Konstanz 19.02.2020



RCT Power GmbH, Line-Eid-Str. 1, 78467 Konstanz, Germany

RCT Power GmbH

Line-Eid-Str. 1
D-78467 Konstanz
Fon +49(0)7531/99677-0
www.rct-power.com

RCT
power