 smart-battery-solutions.de Power wherever you want	UN 38.3 Test Summary for Batteries	Date	07.04.2022
	Name of battery: Batterie_12S2P_N21700CG_BAK		
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# UN 38.3 Test Summary for Batteries

**Document is for batteries which required:**  
UN3090, UN3091, UN3480, UN3481, UN3166 (if Hybrid) and UN3171

<b>1. Name and physical description of battery</b>
Batterie_12S2P_N21700CG_BAK


<b>2. Model number</b>
FAZUA ENERGY 430

<b>2.a Article number</b>
10.00663.11

<b>3. Manufacturer of battery</b>	
Name	Smart Battery Solutions GmbH
Address	Lindigstr. 8a / 63801 Kleinostheim / Germany
Phone	+49 6027 990813 - 0
Email	info@smart-battery-solutions.de
Website	http://www.smart-battery-solutions.de

<b>3.a Assembler of battery</b>	
Name	Smart Battery Solutions GmbH
Address	Lindigstr. 8a / 63801 Kleinostheim / Germany
Phone	+49 6027 990813 - 0
Email	info@smart-battery-solutions.de
Website	http://www.smart-battery-solutions.de

<b>4. Test laboratory of battery</b>	
Name	SLG Prüf- und Zertifizierungs GmbH
Address	Burgstädter Straße 20, 09232 Hartmannsdorf, Germany
Phone	+49 3722 7323-0
Email	service@slg.de.com

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<b>5. Test report ID and date</b>	
Unique test report identification number	1091-21-MM-22-PP004
Date of test report	2022-04-01



<b>6. Description and parameters of battery</b>	
Lithium-Ion battery	
Mass in gram (g +/- 5%):	2300
Indicate watt-hour rating (Wh):	432

<b>7. State of Charge (SoC) for UN 3480 Lithium Ion batteries (only in air transport)</b>	
State of Charge (SoC) is max. 30 %	

<b>8. Test requirement</b>	
UN 38.3 Rev.7	

9. Test results	Test passed
T1 - Altitude simulation	Yes
T2 - Thermal Test	Yes
T3 - Vibration	Yes
T4 - Shock	Yes
T5 - External Short Circuit	Yes
T6 - Impact / Crush	Not required
T7 - Overcharge	Yes
T8 - Forced Discharge	Not required

<b>10. Composite batteries (more batteries in series or parallel / more module system)</b>	
No, single battery	
Yes: Reference to test requirement 38.3.3 (f) and (g)	

11. Place, Date	Position, Surname First name	Company stamp and signature
Kleinostheim, 07.04.2022	General Manager, Christian Lieb	  <b>smart-battery-solutions.de</b> Power wherever you want Smart Battery Solutions GmbH Lindigstraße 8a • D-63801 Kleinostheim www.smart-battery-solutions.de E-Mail: info@smart-battery-solutions.de Tel.: +49 6027 - 990 81 30 • Fax: +49 6027 - 990 81 38