

 smart-battery-solutions.de Power wherever you want	UN 38.3 Test Summary for Batteries		Date	07.07.2020	
	Name of battery: Batterie_12S6P_INR_18650_30Q				
	Model numbers: 12S6P (F5S)			Page	1 from 2

# 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_12S6P_INR_18650_30Q

<b>2. Model numbers</b>
12S6P (F5S)

<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	CTC advanced GmbH
Address	Untertuerkheimer Strasse 6-10, 66117 Saarbruecken, Germany
Phone	+49 681 5 98 - 0
Email	mail@ctadvanced.com
Website	http://www.ctadvanced.com

<b>5. Test report ID and date</b>	
Unique test report identification number	1-1188/16-01-04
Date of test report	2017-03-14



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**6. Description and parameters of battery**

Lithium-Ion battery

Mass in gram (g +/- 5%): 5560

Indicate watt-hour rating (Wh): 776,6

**7. State of Charge (SoC) for UN 3480 Lithium Ion batteries (only in air transport)**

State of Charge (SoC) is max. 30 %

**8. Test requirement**

UN 38.3 Rev.5

**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

**10. Composite batteries (more batteries in series or parallel / more module system)**

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,  
07.07.2020

General Manager,  
Christian Lieb



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