

LITHIUM BATTERIES TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA



1	Product Manufacturer	Festool GmbH Wertstraße 20 D-73240 Wendlingen Germany +49 (0)7024 804-0 info@festool.com www.festool.com
2	Model	BP-XS 1,3 Ah / BP-XS 1,5 Ah / BP-XS 2,6 Ah
3	Voltage rating	10.8 V
4	Ah rating	1,3 Ah / 1,5 Ah / 2,6 Ah
5	Wh rating	14.0 Wh / 16.2 Wh / 28.1 Wh

All manufactured and factory released Lithium-Ion-Batteries fulfill the UN transport regulation and each cell or battery has a state of charge (SOC) not exceeding 30 % of its rated capacity

These models of Lithium-Ion-Batteries have been successfully tested and are in compliance with the UN Model Regulations, "Manual of Test and Criteria, Part III, subsection 38.3"

PERFORMED TESTS		RESULTS
38.3.4.1 T1	Altitude Simulation	Passed
38.3.4.2 T2	Thermal Test	Passed
38.3.4.3 T3	Vibration	Passed
38.3.4.4 T4	Shock	Passed
38.3.4.5 T5	External Short Circuit	Passed
38.3.4.7 T7	Overcharge	Passed

[Note that tests T6 and T8 are not applicable to batteries.]

Revision Date: 2020-02-18	Revision Number: A
Wilde, Jörg Head of Technology and Component Development	Signature: 
Brandt, Ralf Head of Productconformity	Signature: 

The UN 38.3 tests were performed by one of the following test houses and were tested to UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments.

SGS Germany GmbH SGS CQE Hofmannstr. 50 D-81379 München Germany +49 (0)89-787475-130 cqe@sgs.com www.sgs-cqe.de	Batteryuniversity.eu GmbH Am Sportplatz 30 A-63791 Karlstein Germany +49 (0)6188-99410-0 mail@batteryuniversity.eu www.batteryuniversity.eu
--	---

LITHIUM CELLS OR BATTERIES TEST SUMMARY IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

Product Test Information

Model numbers	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date	Applicable UN Numbers acc. to UN Model Regulations
BP -XS 1,3 Ah	Lithium ion battery	0,266	14,0	COJU0003	16.09.2009	UN3480/ UN3481
BP -XS 1,5 Ah	Lithium ion battery	0,266	16,2	D1PV0001	13.04.2011	UN3480/ UN3481
BP -XS 2,6 Ah	Lithium ion battery	0,220	28,1	BU-2014-000668-UN	24.03.2014	UN3480/ UN3481