



## LITHIUM BATTERIES TEST SUMMARY

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

1	Product Manufacturer	RUPES S.p.A. Via Marconi 3A 20071 - Loc.Vermezzo – Vermezzo con Zelo (MI) Italy +39 02 946941 Info_rupes@rupes.it www.rupes.com
2	Model	9HB180LT
3	Voltage rating	18V
4	Ah rating	2.5Ah
5	Wh rating	45Wh

These models of Lithium ion batteries have been successfully tested and comply 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
38.3.4.5 T6	Impact	Passed
38.3.4.7 T7	Overcharge	Passed
38.3.4.7 T8	Forced discharge	Passed

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.

RUPES S.p.A.

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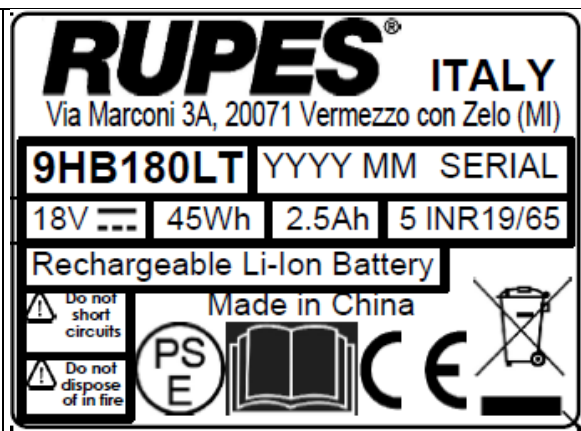
[e-mail: info\\_rupes@rupes.it](mailto:info_rupes@rupes.it) - web: [www.rupes.com](http://www.rupes.com)

cod.fisc. e part. IVA: IT 05094230157 - cap.sociale: euro 2.100.000 int.vers. - C.C.I.A.A. 1163819 Tribunale di Milano R.I. n. 235348

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#### 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
9HB180LT	Rechargeable Lithium Battery Pack 9HB180LT 18V 2.5Ah 45Wh	0,365	45	1120070502	2020-08-26	UN3480/ UN3481

Revision Date: 2020-09-03	Revision Number: 1.0
Name, Title  Guido Valentini, President	Signature 

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