

The NOCO Company

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

PRODUCT MANUFACTURER'S CONTACT INFORMATION:

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Glenwillow, Ohio 44139 USA
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BATTERY MANUFACTURER(S): Confidential and Proprietary Information of The NOCO Company

BATTERY MANUFACTURER A

UN38.3 TEST LAB

Guangdong UTL Co., Ltd.
Lianding Testing Bldg., No. 18 Center Road Yayuan
Industrial Zone Nancheng District, Dongguan,
Guangdong, China 86.769.3893.3228

BATTERY MANUFACTURER B

UN38.3 TEST LAB

Guangdong UTL Co., Ltd.
Lianding Testing Bldg., No. 18 Center Road Yayuan
Industrial Zone Nancheng District, Dongguan,
Guangdong, China 86.769.3893.3228

Test Report No:	19PNS030149 01001	Test Report No:	19PNS080054 01001
Test Report Date:	8/15/2019	Test Report Date:	8/9/2019
Test Item Description:	Jump Starter Grey/Black	Test Item Description:	Jump Starter Grey/Black
Model/Type Reference:	GB20	Model/Type Reference:	GB20
Cell/Battery Type:	Lithium Ion	Cell/Battery Type:	Lithium Ion
Nominal Voltage:	11.1	Nominal Voltage:	11.1
Rated Capacity mAh:	2150	Rated Capacity mAh:	2150
Watt Hour Capacity:	24	Watt Hour Capacity:	24
Lithium Content:	1.935g	Lithium Content:	1.935g
Mass:	531g	Mass:	531g
Dimensions:	6.6" x 3.2" x 1.7"	Dimensions:	6.6" x 3.2" x 1.7"

SIXTH REVISED EDITION OF UN MANUAL OF TESTS AND CRITERIA USED:

TESTS PERFORMED

TEST(S)	Conclusion
38.3.4.1 T.1: Altitude Simulation:	PASS
38.3.4.2 T.2: Thermal Test:	PASS
38.3.4.3 T.3: Vibration:	PASS
38.3.4.4 T.4: Shock:	PASS
38.3.4.5 T.5: External Short Circuit:	PASS
38.3.4.6 T.6: Impact/Crush:	N/A PASS
38.3.4.7 T.7: Overcharge:	PASS
38.3.4.8 T.8: Forced Discharge:	PASS
Assembled Battery Testing Requirements:	N/A

TESTS PERFORMED

TEST(S)	Conclusion
38.3.4.1 T.1: Altitude Simulation:	PASS
38.3.4.2 T.2: Thermal Test:	PASS
38.3.4.3 T.3: Vibration:	PASS
38.3.4.4 T.4: Shock:	PASS
38.3.4.5 T.5: External Short Circuit:	PASS
38.3.4.6 T.6: Impact/Crush:	N/A PASS
38.3.4.7 T.7: Overcharge:	PASS
38.3.4.8 T.8: Forced Discharge:	PASS
Assembled Battery Testing Requirements:	N/A

PRODUCT CLASSIFICATION FOR TRANSPORT (According to UN - DGP)

UN CLASSIFICATION: UN3480

PROPER SHIPPING NAME: LITHIUM ION BATTERIES

SIGNATURE AND TITLE OF SIGNATORY AS AN INDICATION OF THE VALIDITY OF INFORMATION PROVIDED:

Linda M. Szymanski

Linda M. Szymanski, Compliance Manager

This document remains valid as long as no changes, modifications, or additions are made to the model(s) described on this document, after being transported from The NOCO Company. The model(s) have been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model(s) must be packaged, labeled, and documented according to the country and other international regulations for transportation.

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