

UN38.3 Lithium Battery Test Summary for Bodine Emergency Products

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1	Battery Manufacturer Confidential and Proprietary Bodine Information			
2	Product Manufacturer Bodine 236 Mount Pleasant Road Collierville, TN USA 38017 888-263-4638 www.bodine.com			
3	UN38.3 Test Lab UN38.3 tests were performed by one of the test houses shown on page 2.			
4	Test Report Number			
	Pack #	Test Report #	Pack #	Test Report #
	442240938971	QDI-160818-B-442240938971	442294776691	CESUNTS201013002
	442240938981	QDI-160824-B-442240938981	442295173761	CESUNTS201013010
	442240997131	1120060385	442295173771	CESUNTS201013003
	442240997121	1120060413	442295173781	CESUNTS201013011
	442295133071	RZUN2020-3776	442295173791	CESUNTS201013012
5	Date of Test Report 442240938971: 8/18/2016, 442240938981: 8/24/2016, 442240997131: 7/22/2020, 442240997121: 7/22/2020, 442240993071: 10/19/2020, 442294776691: 10/29/2020, 442295173761: 10/29/2020, 442295173771: 10/29/2020, 442295173781: 10/29/2020, 442295173791: 10/29/2020			
6	Description of Cell or Battery Model 442240938971: Lithium Ion battery pack, 145g, 28Wh, 3 cylindrical cell pack Model 442240938981: Lithium Ion battery pack, 98g, 18.7Wh, 2 cylindrical cell pack Model 442240997131: Lithium Ion battery pack, 151g, 28.86Wh, 3 cylindrical cell pack Model 442240997121: Lithium Ion battery pack, 104g, 19.24Wh, 2 cylindrical cell pack Model 442240993071: Lithium Ion battery pack, 104g, 19.24Wh, 2 cylindrical cell pack Model 442294776691: Lithium Ion battery pack, 348.5g, 42.24Wh, 4 cylindrical cell pack Model 442295173761: Lithium Ion battery pack, 363.5g, 46.08Wh, 4 cylindrical cell pack Model 442295173771: Lithium Ion battery pack, 265g, 31.68Wh, 3 cylindrical cell pack Model 442295173781: Lithium Ion battery pack, 274.5g, 32.16Wh, 3 cylindrical cell pack Model 442295173791: Lithium Ion battery pack, 461.5g, 53.6Wh, 5 cylindrical cell pack			
7	UN38.3 Tests Performed and Successfully Passed T.1, T.2, T.3, T.4, T.5 and T.7 for the packs. T.6 and T.8 are not applicable to battery packs but have passed for the cells used in these packs.			
8	Assembled Battery Testing Requirements Not applicable.			
9	Edition of UN Manual of Tests and Criteria Used 5th revised edition Amendment 2: For models 442240938971, 442240938981 6th revised edition Amendment 1: For models 442240997131, 442240997121, 442240993071, 442294776691, 442295173761, 442295173771, 442295173781, 442295173791			
10	Name and Title of Signatory Chantal Sweegers Regulatory Affairs Manager March 25 th 2021			



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UN38.3 tests were performed by one of the test houses shown below.

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<p>Dongguan Amperex Technology Limited Test Center West Industrial Road 1#, Songshan Lake Industry Park, Dongguan City, Guangdong Province, P.R. China Tel: +86-769-88989149 Email: Lab-Service@ATLBattery.com Website: www.atlbattery.com</p>	<p>Energizer Brands, LLC 533 Maryville University Drive, St. Louis, MO 63141 USA Tel: +1 314-985-2000 Email: LiTransport@energizer.com Website: www.energizer.com</p>
<p>Guangzhou MCM Certification and Testing Co., Ltd 1 F No. 13, Zhong San Section, ShiGuang Road, Panyu District, Guangzhou City, Guangdong Province, China Tel: +0086-20-34777662 Email: mark.miao@mcmtek.com Website: www.mcmtek.com</p>	<p>Korea Testing Laboratory 87, Digital-ro 26-gil, Guro-gu, Seoul, Korea Tel: +82-2-860-1415 Email: jgkim@ktl.re.kr Website: www.ktl.re.kr/eng</p>
<p>LG Chem, Ltd. 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Korea Tel: +82-42-870-6195 Email: milkis@lgchem.com Website: www.lgchem.com</p>	<p>Panasonic Corporation 1-1, Matsushita-cho, Moriguchi, Osaka 570-8511 Japan Tel: +81-6-6994-4560 Email: un38.3_microbattery@ml.jp.panasonic.com Website: https://www.panasonic.com/global/home.html</p>
<p>Test Center of National Engineering Research Center of Advanced Energy Storage Materials Co., Ltd. No.B102, 1/F., Lankun Group Building B, No.29, Baoshi Road, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China Tel: +86-755-22678310 Email: service@cescert.com Website: www.cescert.com</p>	<p>Shanghai Research Institute of Chemical Industry Testing Co., Ltd. No.2779, Guangfu West Road, Putuo District, Shanghai, China Tel: +86-021-31765555 Email: battery@ghs.cn Website: www.hsdgt.com</p>
<p>Shenzhen Precise Testing Technology Co., Ltd. 1-2 floor, building A, No. 2, Yihe Rd., Shilong Community, Shiyan Street, Baoan District, Shenzhen City, China Tel: +0755-23084910 Email: precise@ptl-global.com Website: www.ptl-global.com</p>	<p>Simplo Technology (Changshu) Inc. No.888 Dong Nan Avenue, Changshu, Jiangshu Province, China Tel: +86-512-52302255 Email: Test_Lab@simplo.com.tw Website: simplo.com.tw</p>
<p>Tianjin Lishen Battery Joint-stock Co., Ltd No.38 HaiTaiNan Rd. Tianjin, China Tel: +86-13752002905 Email: ct081959@lishen.com.cn Website: http://en.lishen.com.cn/</p>	<p>UL-CCIC Company Limited Guangzhou Branch Electronic Building, Parage Electronic Industrial Park, No. 8 Nanyun Er Road, Guangzhou Science Park, Guangzhou, China Tel: +86-20-3213 1000 Email: customerservice.cn@cn.ul.com Website: www.ul.com</p>
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