

# 广州海关技术中心

GUANGZHOU CUSTOMS DISTRICT TECHNOLOGY CENTER

地址: 中国广州市天河区珠江新城花城大道66号B座

网址: [www.iqtc.cn](http://www.iqtc.cn) 邮编: 510623

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Website: [www.iqtc.cn](http://www.iqtc.cn) Postcode: 510623

No: 01052000006415-2(E)

Date: 2020-12-15

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## UN38.3 试验概要

### UN38.3 test summary

单位信息 Company information	
委托单位信息 Applicant's Information	名称: 深圳格瑞特新能源有限公司 Name: Shenzhen Growatt New Energy Co., Ltd.
	地址: 广东省深圳市宝安区石岩街道上屋村西边岭加域公司工业区四栋二层、三层 Address: 2F and 3F, Building 4, Jiayu Company Industrial Park, Xibianling, Shangyu Village, Shiyan Street, Bao'an District, Shenzhen
	电话号码 Phone number: 0755-29515888
	电子邮箱 Email address: dong.tao@growatt.com
	网址 Website: /
生产单位信息 Manufacturer's Information	名称: 惠州市德赛电池有限公司 Name: Huizhou Desay Battery Co., Ltd
	地址: 惠州市惠澳大道惠南高科技产业园金达路亚伦公司厂房 C 栋 Address: Building C, Yalun Company, Jinda Road, Huinan High-tech Industrial Park, Huiao Avenue, Huizhou City, P.R.China
	电话号码 Phone number: 0752-2629810
	电子邮箱 Email address: wangxc_dc@desay.com
试验实验室 Test laboratory	名称: 广州海关技术中心 Name: GUANGZHOU CUSTOMS DISTRICT TECHNOLOGY CENTER
	地址: 广东省广州市科学城南翔支路 1 号 C102 房 (轻工科学城实验室) Address: Room C102, No.1 Nanxiangzhi Road, Science City, Guangzhou, Guangdong, China (Light Industry Testing Laboratory in Science City)
	电话号码 Phone number: +86-20-38669019
	电子邮箱 Email address: itl@iqtc.cn
	网址 Website: <a href="http://www.iqtc.cn">www.iqtc.cn</a>



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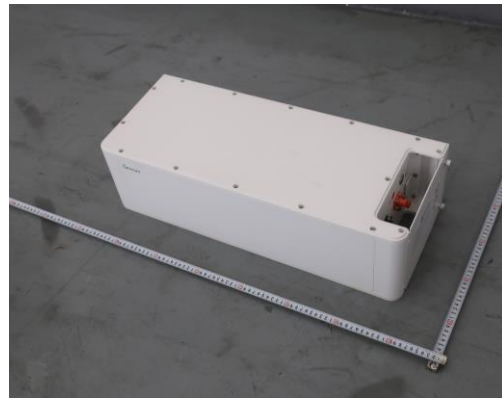
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Website: www.iqtc.cn Postcode: 510623

## 电池信息 Battery information

名称 Name	锂离子电池 Lithium ion Battery	型号 Model	ARK 2.5L-A1
标称电压 Nominal voltage	51.2V	容量 Capacity	50Ah
额定瓦时值 Watt-hour rating	2560Wh	样品外观 Appearance	白色金属外壳 White metal shell
质量 Mass	约(27.5 ± 0.5)kg Approx. (27.5 ± 0.5)kg	电池描述 Physical description	可充电锂离子电池组 Rechargeable Li-ion battery

电池图片  
Battery picture



Growatt Lithium Ion Battery	
Model	ARK 2.5L-A1
Nominal Voltage	51.2V
Normal/Rated Capacity	50Ah/45Ah
Normal/Rated Energy	2560Wh/2300Wh
Ingress Protection	IP 65
Operating Ambient Temperature	-10°C ~ +50°C
Maximum Short Current and Duration	300A, 50us
CE    Made In China	

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测试信息 Test information			
UN38.3 测试报告编号 UN38.3 Test report No.	01052000006415-1(E)	测试报告日期 Date of test report	2020-12-15
测试标准 Test standard	联合国《关于危险货物运输的建议书 试验和标准手册》ST/SG/AC.10/11/Rev.7 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS", Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7		
T.1 高度模拟 Altitude simulation	合格 Passed	T.2 温度试验 Thermal test	合格 Passed
T.3 振动 Vibration	合格 Passed	T.4 冲击 Shock	合格 Passed
T.5 外部短路 External short circuit	合格 Passed	T.6 挤压 Crush	合格 Passed
T.7 过度充电 Overcharge	合格 Passed	T.8 强制放电 Forced discharge	合格 Passed
38.3.3(f)	不适用 Not applicable	38.3.3(g)	不适用 Not applicable
结论 Conclusion	经测试, 该样品符合联合国《关于危险货物运输的建议书 试验和标准手册》ST/SG/AC.10/11/Rev.7, 38.3 标准要求。 The sample has passed the test items of UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS", Manual of Test and Criteria ST/SG/AC.10/11/Rev.7, 38.3.		
备注 Remark	检测结果仅对样品有效。 The test results are only valid for the test samples submitted the applicant.		
签名及职务 Signature & Title	陆路强 实验室主任 Laboratory Director	签发日期 Issued date	

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## 声明 Statement

1. 本报告无检验单位公章无效。

The test report is invalid without the official stamp of IQTC.

2. 本报告无批准人、审核人及主检人签名无效。

The test report is invalid without the signatures of Approver, Checker and Appraiser.

3. 本报告涂改无效。未经本实验室书面同意, 不得部分地复制本报告。

The test report is invalid if altered. Nobody is allowed to photocopy or partly photocopy this report without written permission of IQTC.

4. 客户必须如实提供样品及资料, 并保证申报品名和样品以及运输货物相同, 否则本检测单位不承担任何相关责任。

The client should provide samples and relevant data, at the same time, they should guarantee the consistence of the product's name they declared, the samples they provided and the goods to be transported. Otherwise we will not bear any relevant responsibilities.

5. 对检验报告若有异议, 应于收到报告之日起十五天内向检验单位提出。

Objection to the test report must be submitted to IQTC within 15 days

6. 本报告仅对送检样品负责。

The test report is valid for the tested samples only.

7. 检验地址: 广东省广州市科学城南翔支路1号C102房(轻工科学城实验室)

Inspection Address: Room C102, No.1 Nanxiangzhi Road, Science City, Guangzhou, Guangdong, China (Light Industry Testing Laboratory in Science City)

电话(Tel): 020-38669019

电子邮箱(E-mail): [itl@iqtc.cn](mailto:itl@iqtc.cn)

\* \* \* \* 报告结束 End of report \* \* \* \*

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