



# UN38.3 试验概要

## UN38.3 Test Summary



812300100438371

单位信息 Company information			
委托单位 Consignor	上海派智能能源股份有限公司 Shanghai PYTES Energy Co., Ltd. 上海市奉贤区青村镇光明金钱公路 3492 号第 9 幢 Building 9, No.3492 Jinqian Road, Fengxian District, Shanghai, China 021-57475830 wanwan_tan@dlgbattery.cn www.pytesgroup.com		
生产单位 Manufacturer	上海派智能能源股份有限公司 Shanghai PYTES Energy Co., Ltd. 上海市奉贤区青村镇光明金钱公路 3492 号第 9 幢 Building 9, No.3492 Jinqian Road, Fengxian District, Shanghai, China 021-57475830 wanwan_tan@dlgbattery.cn www.pytesgroup.com		
测试单位 Test lab	上海化工院检测有限公司 Shanghai Institute of Chemical Industry Testing Co., Ltd. 中国.上海.普陀区云岭东路 345 号, 200062 No.345 East Yunling Road, Putuo, Shanghai, China 200062 86-21-31765555 battery@ghs.cn www.ghs.cn		
电池信息 Battery information			
名称 Name	锂离子电池组 Lithium ion Battery Pack	品牌 Brand	/
型号 Type	V5 <sup>o</sup> a	原始测试型号 Original tested type	V5 <sup>o</sup>
标称电压(V) Nominal voltage	51.2	容量/能量 Capacity/energy	100Ah 5.12kWh
描述 Description	可充电锂离子电池组 Rechargeable Li-ion battery	锂含量(g) Li content	/
质量(kg) Mass	44.5	外观 Appearance	银色金属外壳 Silvery metal shell
测试信息 Test information			
原报告编号 Original test report No.	1123020479	测试报告日期 Date of test report	2023-04-04
测试标准 Test standard	联合国《试验和标准手册》第 38.3 章 UNITED NATIONS Manual of Tests and Criteria 38.3 ST/SG/AC.10/11/Rev.7		
T.1 高度模拟 Altitude simulation	合格 Passed	T.2 温度测试 Thermal test	合格 Passed
T.3 振动测试 Vibration	合格 Passed	T.4 冲击测试 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)	/	38.3.3 (g)	/





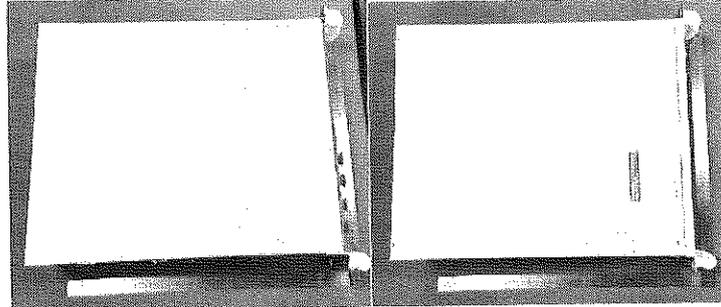
# UN38.3 试验概要

## UN38.3 Test Summary



812300100438371

### 样品图片 Sample Picture



### Pyros

Battery Model	Pyros
Cell Type	Li-Ion Battery
Operating Voltage Range	47.5V - 57.6V
Nominal Voltage	51.2V
Rated Energy	5.12kWh
Rated Capacity	100Ah
Rated Charge/Discharge Current	50A
Recommended Charge/Discharge Current	75A
Recommended Charge/Discharge Power	3840W
Protective Class	Class I
Ingress Protection Code	IP20



<p>结论 Conclusion</p>	<p>测试样品符合联合国《试验和标准手册》ST/SG/AC.10/11/Rev.738.3 标准要求。The tested samples meet the requirements of test items of the UNITED NATIONS Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7 38.3.</p>	
<p>备注 Remark</p>	<p>全部项目测试地点为江苏省昆山市康浦路3号。 All tests were tested in No.3, Kangpu Road, Kunshan, Suzhou, Jiangsu, China.</p>	
<p>签名 Signature 职务 Title</p>	<p> 总工程师 Vice chief engineer</p>	<p>签发日期 Issued date</p> <p>2023-06-30</p>

-验证码:868567-

\*\*\*报告结束\*\*\*