

## **UN38.3 Lithium-Ion Battery Test Summary**

Version: 1.0 Date: January 15, 2025

Model Number	Description	Notes
PPS330-AZ; PPS330-GR; PPS330-UK; PPS330MS	Schneider Off Grid	



Portable power station contains Lithium-Ion Battery, Each Lithium Ion Battery is more than 100 WH. Physical State: Solid.

#### 1.1 Batteries in Products

#	Model Number	Description	Notes
1	PPS330W	Lithium-ion Battery 11.1V, 29.7Ah, 332Wh	

#### 1.2 Cells in Batteries

#	Model Number	Description	Notes
2	INR21700M50LT	Lithium-ion Cell; 3.69 V; 4800 mAh	

## 2.0 Manufacturers of Cells/Batteries

## 2.1 Battery Maker #1

Name	Address	Phone	Website
Guangdong Greenway Technology Co., Ltd.	No.6, Tongsha Tonghuan Road, Dongcheng Street, Dongguan City, Guangdong Province, China	+86- 17666257209	www.greenway- battery.com

#### 2.1 Cell Maker #2

Name	Address	Phone	Website
LG Energy Solution, Ltd.	LG Energy Solution, Ltd. 188, Munji-ro, Yuseong-gu, Daejeon, 34122, Rep. of KOREA E-mail: juhongpark@lgensol.com	+82-10-7742- 5427	www.lgensol.com

## 3.0 Test Laboratories of Cells / Batteries

## 3.1 Test for Battery #1

Name	Address	Address		Phone	Website
Shenzhen TCT Testin Technology Co., Ltd.	Factory, Fuhai Si	2201/2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China		400 0011 140	http://www.tct- lab.com
Model No PPS33	0-AZ	PPS330-GR	PPS330-MS		PPS330-UK
Test ID No: TCT24	0925B0081	TCT240618B0621	TCT240925B0091		TCT240925B0101
Date: 2024. 09. 27 2024. 06. 20 2		202	4. 09. 27	2024. 09. 27	

NOTES: The sample has passed the test items of Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7/Amend1/Subsection 38.3

	Lithium Ion Cell	Lithium Metal Cell
XXX	Lithium Ion Battery	Lithium Metal Battery

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## 3.1 Test for Cell #2

Name	Name Address		Phone	Website	
LG Energy 188, Munji-ro, Yuseong-gu, Solution, Ltd. Daejeon, 34122, Rep. of KOREA		+82-10-3099-3724	www.lgensol.com		
Test ID No:					
Date:	2020.05.14				

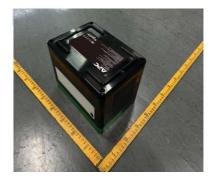
XXX	Lithium Ion Cell	Lithium Metal Cell
	Lithium Ion Battery	Lithium Metal Battery

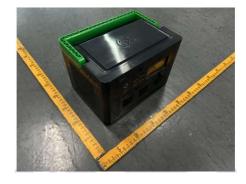
# 4.0 Parameters of Cells/Batteries

## 4.1 Battery #1

Parameters	Cell	Battery
Mass (Kg)	0.066783	1.23
Lithium ion Indicate watt-hour rating (Wh)	18.2	332
Lithium metal Indicate lithium metal content in gram (g)	N/A	N/A

# Physical Description of Cells / Batteries





## PP330W Label



3 to 7





# 5.0 List of tests conducted and results

Test	Pass	Fail	N/A
T1 – Altitude simulation	Х		
T2 – Thermal Tests	Х		
T3 – Vibration	Х		
T4 – Shock	Х		
T5 – External Short Circuit	X		
T6 – Impact	Х		
T7 – Overcharge	Х		
T8 – Forced Discharge	X		

## **6.0 UN38.3 Test Conformation for the Cells inside the battery:**

	Cell UN 38.3 Test Confirmed (Yes or No)
When no separate document for the cells is provided, this confirms that the cells inside the battery have successfully passed the UN 38.3 test. In this case under section 5.0 the T7 and T8 must be marked as "passed" and here under section 6.0 "Cell UN 38.3 Test confirmed" needs to be Yes.	YES

## 7.0 Reference to assembled battery testing requirements

Not Applicable
XXX

#### 8.0 Reference to the edition on the Manual of Tests and Criteria applied

ST/SG/AC.10/11/Rev.7/Amend.1

Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria, Part III Sub-Section 38.3 Lithium metal and lithium-ion batteries United Nations

# 9.0 Manufacture of the cell / battery is in accordance with quality management system as required by the regulations:

Schneider Electric certifies that all articles described in this Test Survey are in compliance with all applicable Schneider Electric Product Specifications, Manufacturing Processes, Quality Control Testing, Quality Plan per ISO9001: 2015, and Environmental guidelines.

### 10.0 Certification

Company: Schneider Electric – Secure Power Division

Signature:

Authorized representative:

Kaymond Luyo

Raymond P. Lizotte, Jr. Director, Sustainability Office EMAIL: raymond.lizotte@SE.com

Phone: +1 978-691-1468

Date of compilation: November 16, 2023

Place of expertise: Schneider Electric Andover R&D Center

Andover, MA 01810 United States

\*OFFICIAL DOCUMENT\*

Company Seal

UN38.3 Test Report Summary- Schneider Off Grid (PPS330) Date: January 15, 2024 Version: 1.0

# 11.0 Attachments

# **Images of Test Report Identifiers**

项目编号: PEKSZ		<b>心</b> 上 白 c	,	T C					
and the bit the			ompany						
委托单位 Consignor		美商艾比希股份有限公司台湾分公司/ American Power Conversion Holdings Inc., Taiwan Branch							
Consignor			r個公司/Gn	angdong Gr	senway Tec	healogy Co	T td		
AL TO MA PA		广东博力威科技股份有限公司/ Guangdong Greenway Technology Co., Ltd. 广东省东莞市东城街道同沙同欢路 6 号/ No. 6 Tongsha Tonghuan Road, Dongc Street, Dongguan , Guangdong.							
生产单位 Manufacturer	Street, Don								
Manuracturer		电话/Tel: +86-17666257209 邮箱/Mail: LiXing@greenway-battery.com							
	网址/Website: www.greenway-battery.com								
深圳市通測检測技术有限公司/Shenzhen TCT Testing Technology Co., Ltd. 广东省深圳市宝安区福海街道桥头社区秋山工业区振昌胶粘制品厂 2101、									
测试单位	2201/2101	& 2201, Zher	nchang Facto	ry, Renshar					
Test Lab			en, Guangdor						
		400-6611-14	10 邮箱 ww.tct-lab.co	/Mail: serv	rice@tct-lab	.com			
	_		Battery I		ion				
	- 伊携式信								
名称	Portable			电池/电芯类别			锂离子电池		
Name	Stat		Battery/	Battery/Cell Classification			Li-ion Battery		
型号	PPS33	PPS330-AZ		商标			Schneider		
Type				Trademark					
额定电压 Normal Voltage	11.	11.1V		额定容量 Rated Capacity			29900mAh		
额定能量	_	-		• •			长方体		
Watt-hour rating	332	Wh	外对	外观/Appearance			k Cuboid		
质量/Mass	3353			锂含量/Li Content			≦用 N/A		
		测试信息	Test In	formatio	n				
测试报告编号	TCT2400	TCT240925B008-1		测试报告签发日期 Date of Test Report			2024. 09. 27		
Test Report Numbe	1012403								
测试标准 Edition of UN Manu		W A FF	【试验和标	NA === nn v /	SECTION AND ADMINISTRA	\ 20 2 TF			
of Tests and Criteri			। ১ মেক্স পদক ests and Crite				tion 39 3		
Used	. 014 1	vialital of 1e	ists and Crite	11a 51/5G/	AC.10/11/10	ev.orisuosec	uon 36.3.		
T.1: 高度模拟	通过	T.2: 温	度试验	度试验 通过		T.3: 振动			
Altitude Simulation		Thermal Test		Pass	Vibration		Pass		
T.4: 冲击	通过	T.5: 外部短路		通过	T.6: 撞击/挤压		通过		
Shock T.7: 过度充电	Pass 通过	External Short Circui T.8: 强制放电		Pass	Impact/Crush		Pass		
1./: 过度允吨 Overcharge	Pass		रक्षात्ररम् <u>।</u> Discharge	通过 Pass		1			
UN38.3.3(f)		不适用 N/A		UN38.3.3(g)		不适用 N/A			
签名 Cherry lung 首旗站			01136.3.5(g) /1/E/H 14/A						
			签发E		2024 09 27				
职务 检验员		Issued	Issued Date 2024.			<b>100</b> 70			
Title							(S) ISON		

项目编号: PEKS2		位信息 C	omnany	Informa	tion			
委托单位		6股份有限公					10 7	
Consignor	Taiwan Bra		中口得为五	HJ/ Americ	an rower C	onversion ri	olumgs in	
生产单位 Manufacturer	广东省东京 Street, Don 电话/Tel:	一 东博力威科技股份有限公司/ Guangdong Greenway Technology Co., Ltd. 下 东博力威科技股份有限公司/ Guangdong Greenway Technology Co., Ltd. 下 京東京東京 Greenway Guangdong 東第八届は、 LXmg@greenway-battery.com 阿扯/Website: www.greenway-battery.com						
测试单位 Test Lab	深圳市通测 广东省深圳 2201/2101 Bao'an Dist 电话/Tel:	深圳市通薦检薦技术有限公司/Shenzhen TCT Testing Technology Co., Ltd. 广东省深圳市宝安区福海街道桥头社区稔山工业区振昌胶粘制品厂 2101、 2201/2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China 电话厂						
		池信息			ion			
名称 便携式储能电源 Portable Power Station		a能电源 Power	电池/电芯类别 Battery/Cell Classification			锂离子电池 Li-ion Battery		
型号 Type		80-GR	商标 Trademark			Schneider		
额定电压 Normal Voltage	11.	11.1V		额定容量 Rated Capacity			29900mAh	
额定能量 Watt-hour rating	332	Wh	外观/Appearance			黑色长方体 Black Cuboid		
质量/Mass 3353.86g			體含量/Li Content 不适用 N/A Test Information				用 N/A	
測试报告编号 Test Report Number	TCT2406	1	测试报告签发日期 Date of Test Report			2024. 06. 20		
测试标准 Edition of UN Man of Tests and Criteri Used		联合国 Manual of Te	《试验和标 sts and Crite				tion 38.3.	
T.1: 高度模拟	通过		度试验			T.3: 振动		
Altitude Simulation			al Test	Pass		ation	Pass	
T.4: 冲击 Shock	通过 Pass	T.5: 外		通过 Pass		击/挤压 t/Crush	通过 Pass	
T.7: 过度充电	通过	External Short Circs T.8: 强制放电		通过	шрас	•		
Overcharge	Pass	Forced Discharge		Pass		/		
		用 N/A			UN38.3.3(g) 不适		适用 N/A	
签名 Signatory 职务 Title	ignatory Cherry wally 包供 私 职务 检验员		签发日期 Issued Date			2024. 06. 20		

UN38.3 Test Report Summary- Schneider Off Grid (PPS330) Date: January 15, 2024 Version: 1.0

#### 锂电池 UN38.3 试验概要 Lithium Battery Test Summary

项目编号: P	EKSZ202	22				•		•		
		单	位信息 C	ompany	Infort	nation				
委托单								loldings Inc.,		
Consign	ior	Taiwan Bra								
生产单 Manufact		广东省东莞 Street, Dong 电话/Tel:	「系博力威科技股份有限公司」Guangdong Greenway Technology Co., Ltd. 「系省系善市东城街道同沙同茨路 6 号/No. 6 Tongsha Tonghuan Road, Dongcheng Street, Dongguan, Guangdong. 電话/Tel: +86-17666257209							
测试单 Test La	-	广东省深圳 2201/2101 a Bao'an Dist 电话/Tel:	深圳市通測检測技术有限公司/Shenzhen TCT Testing Technology Co., Ltd. 厂东省深圳市宝安区福海街道桥头社区移山工业区摄高胶粘制品厂 2101、 2201/210 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China 电话/Tel: 400-6611-140 邮箱/Mail: service@tct-lab.com 网址/Website: http://www.tct-lab.com							
			池信息			ation				
名称		便携式付	能电源	ф	油/电芯	W- D-I	ASSET THE	マカル		
名称 Name		Portable	Power	_		央刑 ssification	锂离子电池 Li-ion Battery			
		Station		Dattery		Silication	Li-io	n Bauery		
型号		PPS33	0.MS	商标			Schneider			
Туре		11000	U-1V1/3	Trademark				<b>G</b> Electric		
额定电		11.1	137	额定容量			299	900mAh		
Normal Vo		*		Ra	ted Capa	icity	201			
额定能		332	uz <sub>h</sub>	外观/Appearance				色长方体		
Watt-hour 1					•••			k Cuboid		
质量/Ma	ass	3353			量/Li C		不适	适用 N/A		
			测试信息	Test In	forma	tion				
测试报告	编号	TOTAL 1000		测试报告签发日期			2024 02 27			
Test Report N	Number	TCT24092	25B009-1	Date of Te	Date of Test Report			2024. 09. 27		
测试标					•					
Edition of UN	Manual		联合国	《试验和标	准手册》	(第八修订版	() 38.3 节			
of Tests and	Criteria	UN "	Manual of Te	sts and Crite	ria" ST/S	G/AC.10/11/F	Rev.8/Subsec	tion 38.3.		
Used										
T.1: 高度模拟		通过	T.2: 温	度试验	通过	T.3:	T.3: 振动			
Altitude Sim	adation	Pass	Therma	al Test	Pass	Vibi	Vibration			
T.4: 冲击		通过	T.5: 外	Min / MT M. M.	通过	2.0.	T.6: 撞击/挤压			
Shock		Pass	External Sh		Pass		Impact/Crush			
T.7: 过度充电		通过	T.8: 强	in and the	通过	,				
Overcharge		Pass	Forced D	ischarge	Pass					
UN38.3.3(f) 不适用 N/A					UN38	.3.3(g)		适用 N/A		
签名 Signatory 职务 Title	atory 检验员 签发日期 2024.09.27 Lisued Date			STING TEOM						
				•				TCT		

#### 锂电池 UN38. 3 试验概要 Lithium Battery Test Summary

项目编号: Pl	EKSZ202								
				Company					
委托单位			美商艾比希股份有限公司台湾分公司/American Power Conversion Holdings Inc.,						
Consign	or	Taiwan Bra							
				限公司/Gu					
生产单位	Ż.	广东省东莞市东城街道同沙同欢路 6号/No. 6 Tongsha Tonghuan Road, Dongcheng Street, Dongguan, Guangdong.							
Manufacti	ırer	Street, Dongguan , Guangdong. 电话/Tel: +86-17666257209 邮箱/Mail: LiXing@greenway-battery.com							
		电话/lel: +86-1/66625/209 邮箱/Mail: LiXing@greenway-battery.com 网址/Website: www.greenway-battery.com							
				限公司/She		Testing Te	hnology Co	T+4	
				海街道桥头					
测试单位	₩.			nchang Facto					
Test La				n, Guangdor				,	
		电话/Tel:	400-6611-14	0 邮箱	/Mail: serv	rice@tct-lab	.com		
		网址/Webs	ite: http://w	ww.tct-lab.co	om				
		Ħ	池信息	Battery I	informat	tion			
名称		便携式偷	者能电源	由	池/电芯类9	Ril	细度	8子电池	
Name		Portable		Battery/Cell Classification			Li-ion Battery		
		Stat	ion	,		Li-ion Dimery			
型号		PPS330-UK		商标			Schneider		
Туре	-			Trademark					
额定电压		11.1V			额定容 <b>量</b>		29900mAh		
Normal Vo				Rated Capacity		ma A	. V → /4-		
额定能		332	Wh	外观/Appearance		黑色长方体 Black Cuboid			
Watt-hour rating 质量/Mass		3353.86g		Aut A	钾含量/Li Content			k Cuboid 5用 N/A	
灰皇/IVI	ISS			Test In			7 <sup>1</sup> ,	2/H IN/A	
測试报告	ė.E.		DO WATER			,,,,			
Test Report N		TCT240925B010-1		测试报告签发日期 Date of Test Report			2024. 09. 27		
测试标				Date of 16	si Report				
Edition of UN			联合国	《试验和标	准手册》(	第八條订牒	(i) 38 3 Ti		
of Tests and C		UN "		sts and Crite	.,			tion 38 3	
Used				on the critic	51.50				
T1: 高度模拟		通讨 T2: 温		直接试验 通过		T.3: 振动		通过	
Altitude Simulation		Pass	Them	al Test	Test Pass		Vibration		
T.4: 冲击		通过	T.5: 夕	部短路	通过	T.6: 撞击/挤压		通过	
Shock		Pass	External S	hort Circuit	Pass Imp		act/Crush Pass		
T.7: 过度充电		通过	T.8: 强	制放电	通过		/		
Overcharge		Pass				ass			
UN38.3.3	(f)	不适	用 N/A		UN38.3.	3(g)	不	适用 N/A	
签名	Char	ry Huang a	the he of						
Signatory	CILE				签发日期			7	
职务 检验员			Issued	Date		2024. 09. 27	-		
Title									