



**Details of order:**

Name of customer: ISRAELI INDUSTRIAL BATTERIES ESS LTD.  
Address: North industrial Zone Hayotzrim 5 St. 2231102. Nahariya POB 3088 2213002 Israel  
Date of order: 27/07/2025

**Description of sample:**

Pack-mounted Li-ion battery  
Models: B-LFP48-100E 3U  
Manufacturer: BSL NEW ENERGY TECHNOLOGY CO., LTD  
(See additional product information on pages 1-18)

**Sampling details:**

No sample required

**Nature of test:**

Review of test reports:

Report number: CNDQ-ESH-P24081856  
Report Standards and Editions: IEC 62619:2022  
Report Issued by: LCIE CHINA COMPANY LIMITED  
Report date: 20.09.2024

Report number: 085-282260325-000  
Report Standards and Editions: IEC 62619:2022  
Report Issued by: TÜV SÜD New Energy Testing (Guangdong) Co., Ltd.  
Report date: 01.09.2022

Report number: CNDQ-ESH-P24100357B-1  
Report Standards and Editions: EN IEC 61000-6-4:2019, EN IEC 61000-6-3:2021  
EN IEC 61000-6-2:2019, EN IEC 61000-6-1:2019  
Report Issued by: KSIGN(Guangdong) Testing Co., Ltd.  
Report date: 30.10.2024

Report number: CNDQ-ESH-P24100357B-2  
Report Standards and Editions: EN 301 489-1 V2.2.3 (2019-11)  
EN 301 489-17 V3.2.4 (2020-09), EN 301 489-19 V2.2.1 (2022-09)  
Report Issued by: KSIGN(Guangdong) Testing Co., Ltd.  
Report date: 30.10.2024

Report number: KS2311S6076B01  
Report Standards and Editions: UNITED NATION "Recommendations on the  
TRANSPORT OF DANGEROUS GOODS, Manual of Test and Criteria"  
ST/SG/AC.10/11/Rev.7/Amend.1 38.3  
Report Issued by: KSIGN(Guangdong) Testing Co., Ltd.  
Report date: 26.12.2023

Report number: 18270BC00141901  
Report Standards and Editions: UN 38.3  
Report Issued by: Shenzhen Anbotek Compliance Laboratory Limited  
Report date: 21.07.2020

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Test Report No.: **7513216417**

Page 2 of 18

In accordance with Clause 12 of the Standards Law – 1953

**General product information and other remarks:**

B-LFP48-100E 3U is a Li-on battery with a nominal voltage of 51,2V and a Rated capacity of 100Ah which is used in energy storage applications.

The battery system consists of 16 Lithium Iron Phosphate cells connected in 16S1P; cell model no. is LF100LA.

Based on the information provided in the above-mentioned test reports, the above-specified Pack-mounted Li-ion battery **comply** with the Israeli requirements.

This product is used for Energy Storage System.

This document contains 18 pages and may be used only in full.

The test results in this report refer only to the item tested.

This document alone is not sufficient for the release of goods from customs.

**Test Conclusions:**

Matthew Skif  
Laboratory Technician  
Renewable Energy Section  
Mechanic and Hydraulic Laboratory  
The Standards Institution of Israel  
Date: 24/07/2025

חתום טקיף, הנדסאי בודק  
ענף מערכות אנרגיה  
המעבדה מכביסה הידרואוליקה  
מכון התקנים הישראלי (סטד)  
24/07/2025

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**ADDITIONAL PRODUCT INFORMATION**  
**Ratings and Principal Characteristics**

Cell and battery	Cell	Battery System
Model Name	LF100LA	B-LFP48-100E 3U
Rated capacity (Ah)	102	100
Nominal voltage (V)	3,2	51,2
Standard Charge Current (A)	50	50
Standard Discharge Current (A)	50	100
Maximum continuous charge current (A)	100	98
Maximum continuous discharge current (A)	250	120
Charge temperature Range (°C)	0~65	0~55
Discharge temperature Range (°C)	-30~65	-20~55
Standard Charge Voltage (V)	3,65	57,6
Upper limit Charging Voltage (V)	3,9	58,08
End-of-discharge Voltage (V)	2,0	46,4
Weight (kg)	1,98±0,1	46
Recommend charging method declared by the manufacturer	Charging the cell with 50A constant current until to 3,65V, then constant voltage 3,65V until charging current reduces to 5,1A	Charge the battery at constant current 50A until voltage reaches 57,6V, then charge at constant voltage 57,6V till charge current is 5,1A

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Product name	Rechargeable Li-ion Cell
Type/model	LF100LA
Nominal voltage	3.2Vd.c.
Rated capacity	102 Ah
Charging voltage declared by manufacturer	3.65V
Upper limit charging voltage	3.9V
Charging current declared by manufacturer	50A
Maximum Continuous Charging Current	100A
Discharging current declared by manufacturer	50A
Maximum Continuous Discharging Current	250A
Discharging cut off voltage	2.0V
Lower limit discharging voltage	1.9V
Standard charging temperature range	0°C to 65°C
Standard discharge temperature range	-30°C to 65°C
Standard charging method by manufacturer	Charge at constant current 50A until the voltage reaches 3.65V, then charge at 3.65V till charge current is 0.05I <sub>A</sub> (5.1A)
Charging method for internal short circuit test	Charge at constant current 100A until the voltage reaches 3.9V, then charge at 3.9V till charge current is 0.05I <sub>A</sub> (5.1A)
Dimension	T*W*H: (49.9±1.0)mm*(160.0±1.0)mm*(118.5±1.0)mm
Weight	(1.98±0.1)kg

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**Rack-mounted Li-ion battery**

Rated Capacity: 100Ah

Model/Rated Energy/Rated Voltage



B-LFP48-100E 3U/ 5120Wh/ 51.2Vdc/ 100Ah (1P16S )

Nominal input: 57.6V dc,50A/Nominal output: 51.2V dc 50A

IFpP51/161/120/[1P16S]M/-20+50/90

**DISPOSAL OF BATTERIES SHOULD FOLLOW LOCAL REGULATIONS**

Charge the battery at constant current 50A until voltage reaches 57.6V then charge at constant voltage 57.6V till charge current is 5.1A

Ingress Protection: IP 20

Product Protective Class: Class I

Charge Temperature: 0°C~55°C

Discharge Temperature: -20°C~55°C

BSL NEW ENERGY TECHNOLOGY CO.,LTD  
 www.bsl-battery.com



**MADE IN CHINA**



Rechargeable Li-ion Cell

+ LF100LA -

IFpP51/161/120/M/-20+60/90

3.2Vd.c., 102Ah

2021.03.01

EVE Power Co., Ltd.



严禁将电池浸入水中。保存不用时，应放置于阴凉干燥的环境中  
 禁止将电池在高温热源旁，如火、加热器等使用和放置  
 充电时请选择用锂离子专用充电器  
 严禁将电池正负极颠倒使用  
 禁止将电池置于火或加热器中  
 禁止用金属直接短路电池正负极短路  
 禁止直接焊接电池和用钉子或其它利器刺穿电池  
 Do not immerse the battery in water or allow it to get wet. Do not strike, throw or subject the battery near a fire or in extremely hot conditions. Charge with specified charge according to charging requirement. Do not reverse the positive (+) and negative (-) terminals. Do not put the battery into a fire or apply direct heat to it. Do not short-circuit the battery by connecting wires or other metal objects to the positive (+) and negative (-) terminals. Do not directly solder the battery terminals or pierce the battery casing with a nail or other sharp object

电池废弃处理：依据当地法规处理  
 Disposal of Lithium Batteries:

In accordance with local disposal regulations  
 禁止在高温下（或热的阳光下）使用或放置电池，否则可能会引起电池过热或功能失效、寿命缩短

禁止在强静电和强磁场的地方使用，否则易损坏电池安全保护装置，带来不安全的隐患

如果电池发生泄露，电解液进入眼睛，请不要揉眼，应用清水冲洗眼睛，并立即就医治疗，否则会导致失明

如果电池发出异味、发热、变色、变形或使用、贮存、充电过程中出现任何异常，请立即将电池从装置或充电器中移除并停用

Do not use or store the battery where is exposed to extremely hot, such as under window of a car in direct sunlight in a hot day. Otherwise, the battery may be overheated. This can also reduce battery performance and/or shorten service life. Do not use battery in the strong electrostatic and magnetic field, otherwise probably the battery safety protection device and cause insecurity. If the battery leaks and electrolyte gets your eyes, rinse the eyes with clean running water and get medical treatment immediately. Do not use the battery if it gives off an odor, generates heat, changes color or have any problems during usage, storage and discharging.

**This document does not permit marking the product with SII Mark**

## APPENDIX

### Documents and Certificates

5.1	TABLE: Critical components information				P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
Cell	EVE Power Co., Ltd.	LF100LA	3,2V, 102Ah	IEC 62619: 2022	Ref. Certif. No. SG PSB-BT-03455
Metal Enclosure	Dongguan Shang Ming hardware products Co., LTD	B-LFP48-100E 3U	SPCC, Thickness min.: 2.8mm Dimensions: 538*442*136 mm	--	Test with appliance
Power Input / Output Connector (P+ Port)	Shanghai Futronics Electronic Technology Co., Ltd.	FSE2A160P-M5AF	DC1000V, 125A Operating temperature: -40~125°C	EN 61984:2009	Z2 123935 0001
Power Input / Output Connector (P- Port)	Shanghai Futronics Electronic Technology Co., Ltd.	FSE2A160Q-M5BF	DC1000V, 125A Operating temperature: -40 ~125°C	EN 61984:2009	Z2 123935 0001
Power wire (Connect P+ and B+)	DONGGUAN ZHONGZHEN NEW ENERGY TECHNOLOGY CO.,LTD	3512	4AWG, 1000V, 200°C	UL 758	UL E355578
Power wire (Connect P- and PCB)	DONGGUAN ZHONGZHEN NEW ENERGY TECHNOLOGY CO.,LTD	3512	4AWG, 1000V, 200°C	UL 758	UL E355578
Breaker	ZHEJIANG DONGYA ELECTRONIC CO.,LTD	BCAS1DM120/M U210	120A	EN 60947-2:2017/A1:2020;EN 60947-2:2017	CE21030300 7152
Power wire (Connect B+ and PCB)	SHENZHEN SHUNJIA ELECTRICAL TECHNOLOGY CO LTD	3135	16AWG, 600V, 200°C	UL 758	UL E490463
Internal Signal Wire	DONGGUAN LIUQUAN WIRE CO LTD	1332	22AWG, 200°C, 300V	UL 758	UL E353571

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In accordance with Clause 12 of the Standards Law – 1953

Insulating cover on the top of the module	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR370DL	Thickness min.: 0.25mm V-0, 80°C	UL 94	UL E315185
PCB	KINGBOARD LAMINATES HOLDINGS LTD	KB-6165F	V-0, 130°C	UL 796	UL E123995
IC for MCU (U41)	Nations	N32G455VEL7	VBAT=1.8~3.6V, TA=-40~105°C	--	Test with appliance
IC for AFE (U1)	MPS	MP2797DFP	Supply voltage: Vbat= 18 V~75.2V Topr: -40°C ~ 85°C	--	Test with appliance
MOSFET (QP6, QP12, QP14, QP5, QP10, QP16, QP15, QP13, QP3, QP2, QP4, QP11, QP9, QP1, QP21, QP22, QP23, QP24)	CRMICRO	CRSS028N10N	VDS=100V, VGS=±20V ID=180A, TJ=-55~150°C Rds=2.5mΩ	--	Test with appliance
MOSFET (Alternative) (QP6, QP12, QP14, QP5, QP10, QP16, QP15, QP13, QP3, QP2, QP4, QP11, QP9, QP1, QP21, QP22, QP23, QP24)	Vergiga Semiconductor Co., Ltd	VS1891GMH	VDS=100V, VGS=±20V ID=190A (TC=25°C) TJ: -55 °C ~ 150°C	--	Test with appliance
Fuse (FPP1, FPP2)	SHENZHEN LANSON ELECTRONICS CO., LTD.	24E 15A125V	15A, 125V	UL 248-14	UL E221465
Fuse (FP1)	SHENZHEN LANSON ELECTRONICS CO., LTD.	24E 7A250V	7A, 50V	UL 248-14	UL E221465
Fuse (FH1)	Wayon Electronics Co Ltd	WPF12A5H-10	12A, 62V	UL 248-14	UL E311435

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Connector for sampling (JA2, JA5)	Hongyi	A2006-07A	250V, 2A, Topr: -25°C to 85°C	UL 1694	UL E493432
Connector for sampling (JA4, JA6)	Hongyi	A2006-06A	250V, 2A, Topr: -25°C to 85°C	UL 1694	UL E493432
Supplementary information: 1) Provided evidence ensures the agreed level of compliance. See OD-CB2039.					

5.1	TABLE: Critical components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>	
1. Rechargeable Li-ion Cell	EVE Power Co., Ltd.	LF100LA	3.2Vd.c., 102Ah	IEC 62619: 2022	-	
-Electrolyte	ShenZhen Capchem Technology Co., Ltd.	JD10-438-08	LiPF <sub>6</sub> :EC:PC:DMC:EMC= 10~15%:25~35%:0~5%:0~5%:40~65%	-	-	
-Separator	Sinoma Lithium Battery Separator Co., Ltd.	JP07-453-05-107.5mm	PE + boehmite, Size: L*W*T: 12069mm*107.5mm*12µm, Remark: The above dimensions refer to one core, and there are two cores in one cell.	-	-	
-Positive electrode	EVE Power Co., Ltd.	-	LFP, Conductive Additive, PVDF, Aluminum Foil, Size: L*W*T 10814.7mm*102mm*161µm, Remark: The above dimensions refer to one core, and there are two cores in one cell.	-	-	
-Negative electrode	EVE Power Co., Ltd.	-	Carbon, Conductive Additive Copper Foil Size: L*W*T 11133.74mm*103.5mm*116µm, Remark: The above dimensions refer to one core, and there are two cores in one cell.	-	-	
-Positive electrode tab	Guangzhou Nano New Material Technology Co., Ltd	-	Aluminum Foil, Size: W*T: 31.5mm*12µm	-	-	
-Negative electrode tab	Jiangxi Tongbo Technology Co., Ltd	-	Copper Foil, Size: W*T: 31.7 mm*6µm	-	-	
-Insulation tap	Jingmen Qisi New Energy Materials Co., Ltd.	Inner protective film  50160   H55	PP, Size: L*T: (264.5±0.5)mm*(220±0.5)mm	-	-	

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Test Report No.: **7513216417**

In accordance with Clause 12 of the Standards Law – 1953

-Blue film	INNOVA ELECTRONIC MATERIALS CO.,LTD	Outer protective film   0.11*230mm*100m	Double layer PTE+Pantone 2144C~2146C, Size: T*L*W: 0.11mm*215mm*288mm	-	-
-Case	Shenzhen kedali Industry Co., Ltd	Aluminum case   49.7*159.7*115.2mm	Al 3003, Bottom:1.2mm(T), Front:0.5mm(T), Side:0.6mm(T)	-	-
-Venting	Shenzhen kedali Industry Co., Ltd	-	MFX2-0, Size: φ18, (0.85±0.15)MPa	-	-
Supplementary information: <sup>1)</sup> Provided evidence ensures the agreed level of compliance. See OD-CB2039.					

**This document does not permit marking the product with SII Mark**



Test Report issued under the responsibility of:



TEST REPORT
IEC 62619
Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications
Report Number: CNDQ-ESH-P24081856
Date of issue: 2024-09-20
Total number of pages: 28 Pages
Name of Testing Laboratory preparing the Report: LCIE CHINA COMPANY LIMITED
Applicant's name: BSL NEW ENERGY TECHNOLOGY CO., LTD
Address: 8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong, P.R. China
Test specification:
Standard: IEC 62619:2022
Test procedure: CB Scheme
Non-standard test method: N/A
TRF template used: IECEE OD-2020-F1:2022, Ed.1.5
Test Report Form No.: IEC62619B
Test Report Form(s) Originator: UL Solutions (Demko)
Master TRF: Dated 2023-02-24
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This report is not valid as a CB Test Report unless signed by an approved IECEE Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.
General disclaimer:
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing NCB. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

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	Ref. Certif. No.
	<b>FR_720169</b>

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**

**CB TEST CERTIFICATE**

Product	Lithium-Ion Battery Pack-mounted Li-ion battery
Name and address of the applicant	<b>BSL NEW ENERGY TECHNOLOGY CO., LTD</b> 8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area, China-Korea Huizhou Industrial Park, Zhongkai District Huizhou City, Guangdong - CHINA
Name and address of the manufacturer	<b>BSL NEW ENERGY TECHNOLOGY CO., LTD</b> 8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area, China-Korea Huizhou Industrial Park, Zhongkai District Huizhou City, Guangdong - CHINA
Name and address of the factory	<b>BSL NEW ENERGY TECHNOLOGY CO., LTD</b> 8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area, China-Korea Huizhou Industrial Park, Zhongkai District Huizhou City, Guangdong - CHINA
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	51,2V, 100Ah, 5120Wh
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	/
Model / Type Ref.	B-LFP48-100E 3U
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62619:2022
As shown in the Test Report Ref. No. which forms part of this Certificate	CNDQ-ESH-P24081856

This CB Test Certificate is issued by the National Certification Body

	LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE 33 avenue du Général Leclerc 92260 Fontenay-aux-Roses, FRANCE <a href="http://www.lcie.fr">www.lcie.fr</a>	
	Date: 10/10/2024	

**This document does not permit marking the product with SII Mark**



Form containing test report details: IEC/IECEE logos, Test Report issued under the responsibility of NCB TÜV SÜD PSB Pte. Ltd., TEST REPORT IEC 62619 Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications, Report Number, Date of issue, Name of Testing Laboratory, Applicant's name, Test specification, TRF template used, and General disclaimer.

This document does not permit marking the product with SII Mark



	Ref. Certif. No.
	<b>SG PSB-BT-03455</b>

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Batteries (Rechargeable Li-ion Cell)
Name and address of the applicant	EVE Power Co., Ltd. No. 68, Jingnan Avenue, Jingmen Hi-tech Zone 448000 Jingmen City, Hubei Province PEOPLE'S REPUBLIC OF CHINA
Name and address of the manufacturer	EVE Power Co., Ltd. No. 68, Jingnan Avenue, Jingmen Hi-tech Zone, 448000 Jingmen City, Hubei Province, PEOPLE'S REPUBLIC OF CHINA
Name and address of the factory	EVE Power Co., Ltd. No. 68, Jingnan Avenue, Jingmen Hi-tech Zone, 448000 Jingmen City, Hubei Province, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	Nominal voltage: 3.2Vd.c. Rated capacity: 102Ah
Model/type Ref.	LF100LA
A sample of the product was tested and found to be in conformity with	IEC 62619:2022
as shown in the Test Report Ref. No. which forms part of this certificate	085-282260325-000

Page 1 of 2  
This CB Test Certificate is issued by the National Certification Body

CBS 098952 0025 Rev. 00  
Date, 2022-09-12

( Harry Zhang )



TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937

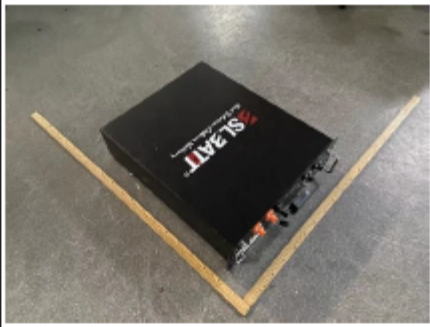

PSB Singapore

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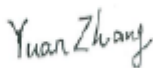

TEST REPORT N°: CNDQ-ESH-P24100357B-1  
**EMC TEST REPORT**

Applicant :	BSL NEW ENERGY TECHNOLOGY CO., LTD
Address :	8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong, P.R. China
Manufacturer :	BSL NEW ENERGY TECHNOLOGY CO., LTD
Address :	8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong, P.R. China
Factory :	BSL NEW ENERGY TECHNOLOGY CO., LTD
Address :	8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting Area China-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong, P.R. China
This document includes : 43 pages	

Product :	Rack-mounted Li-ion battery	
Model name :	B-LFP48-100E 3U	
Trade mark :		
Rated voltage :	51.2Vdc	
Rated capacity :	100Ah, 5.12KWh	
Highest clock frequency :	≤108 MHz	
Protection class :	--	
Tests realised :	On one sample	
Test date :	Sep.27 to Oct.17, 2024	

Standards used (date) :	EN IEC 61000-6-4:2019 EN IEC 61000-6-3:2021 EN IEC 61000-6-2:2019 EN IEC 61000-6-1:2019
Clauses examined :	All Clauses Relevant.

**CONCLUSION :** The sample does satisfy the clauses examined .

Test done by:	Approved by:
 Name : Yuan ZHANG Date : Oct.30, 2024	 Name : Wen ZHU Date : Oct.30, 2024

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/ops/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

LCIE China Company Limited 必维欧亚电气技术服务(上海)有限公司	Building 4, No. 518, Xin Zhuan Road, CaoHejing Songjiang High-Tech Park, Shanghai, CHINA	Tel: +86 21 6195 7000 Fax: +86 21 6195 7001 Email: BVLCIEMKT@bureauveritas.com
Page 1 of 43		TEST REPORT EN IEC 61000-6-3:2021 VER.1.0





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TEST REPORT N°: CNDQ-ESH-P24100357B-2

**EMC TEST REPORT**

To :	BSL NEW ENERGY TECHNOLOGY CO., LTD	Fax :	--
Attn :	--	Email :	--
Address :	8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting AreaChina-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong, P.R. China		
Cc :	--	Fax/Email :	--
Attn :	--		
This document includes : 24 pages		Test date :	Sep.27 to Oct.17, 2024

FACTORY NAME:	BSL NEW ENERGY TECHNOLOGY CO., LTD	
ADDRESS :	8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No. 6, Xingyuan North Road, Starting AreaChina-Korea Huizhou Industrial Park, Zhongkai District, Huizhou City, Guangdong, P.R. China	
PRODUCT :	Rack-mounted Li-ion battery	
TYPE REFERENCE :	B-LFP48-100E 3U	
TRADE MARK :		
RATED VOLTAGE :	Refer to section 3.1	
RATED POWER:	Refer to section 3.1	
TESTS REALISED :	On one sample	
STANDARDS USED(DATE) :	EN 301 489-1 V2.2.3 (2019-11) EN 301 489-17 V3.2.4 (2020-09) EN 301 489-19 V2.2.1 (2022-09)	
CLAUSES EXAMINED :	All Clauses Relevant.	
All tests done in this report are subcontracted to KSIGN(Guangdong) Testing Co., Ltd. (West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiuju Industrial Park, Minzhu, Shaou, Shajing, Bao'an District, Shenzhen, Guangdong, China)		
CONCLUSION :	The sample does satisfy the clauses examined	
Test done by,	Approved by,	
 Name: Yuan ZHANG Title: Project Engineer Date : Oct.30, 2024	 Name: Sean YU Title: RF Supervisor Date : Oct.30, 2024	
<small>This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <a href="http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/">http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/</a> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.</small>		

Bureau Veritas ADT (ShangHai) Corporation 必维诚硕科技(上海)有限公司	No.829,Xin Zhuan Road,Song Jiang District,Shanghai,China	Tel: +86 21 6195 7000 Fax: +86 21 6195 7001 Email: <a href="mailto:contact@cn.bureauveritas.com">contact@cn.bureauveritas.com</a>
Page 1 of 24		TEST REPORT EN 301 489-1Ver 2.0

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中国认可  
国际互认  
检测  
TESTING  
CNAS L13261

Report No.: **KS2311S6076B01**

# UN38.3 Test Report

**Samples Name** LITHIUM BATTERY

样品名称 锂电池

**Model**

型号

**B-LFP48-100E**

**Applicant**

委托单位

**BSL NEW ENERGY (HONGKONG) CO., LIMITED**

贝斯新能源（香港）有限公司



**广东科正技术服务有限公司**  
**KSIGN(Guangdong) Testing Co., Ltd.**

TRF No. UN38.3 Rev.7/Amend.1-R1  
West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China  
广东省深圳市宝安区沙井街道沙头社区民主九九工业区福源厂新厂房A区C栋一层西侧, 518104  
Tel: +(86) 0755-2985 2678 Fax: +(86) 0755-2985 2397 E-mail: info@gdksign.cn http://www.gdksign.com

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Report No.: 18270BC00141901  
报告编号



中国认可  
国际互认  
检测  
TESTING  
CNAS L3503

# Lithium Battery UN38.3 Test Report

## 锂电池 UN38.3 测试报告

Client Name 委托单位	:	WISDOM INDUSTRIAL POWER CO., LTD 威盛工业电源有限公司
Address 地址	:	FLAT/RM 1402B 14/F, THE BELGIAN BANK BUILDING, NOS 721-725 NATHAN ROAD MONGKOK KL HONGKONG 香港九龙旺角弥敦道 721-725 号比利时银行大厦 14 楼 1402 室
Product Name 产品名称	:	Lithium iron phosphate Battery 磷酸铁锂电池
Date 日期	:	Jul. 21, 2020 2020 年 07 月 21 日

**Shenzhen Anbotek Compliance Laboratory Limited**  
**深圳安博检测股份有限公司**

Shenzhen Anbotek Compliance Laboratory Limited

Address: East of 4/F., Building A, Hourui No.3 Industrial Zone, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86)755-26066126 Fax: (86)755-26066021 Email: service@anbotek.com

Code: AB-BAT-06-b

Hotline  
400-003-0500  
www.anbotek.com

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**BSL NEW ENERGY TECHNOLOGY CO., LTD.**

1F & 8F of Building 2-3 and 8F of Building 2-2 in Area D , No.6 Xingyuan North Road, the Qibu Area of China-Korea Huizhou Industrial Park, Zhong Kai District, Huizhou City, Guangdong Province, China

Manufacturer Declaration

We, BSL NEW ENERGY (HONGKONG) CO., LIMITED and address of Building 2, Area D, Qunyi Intelligent Manufacturing Industrial Park, Tonghu Ecological Intelligence Zone, Zhongkai, Huizhou, Guangdong, China. hereby declare that the model of B-LFP48-100E listed below:

Battery model B-LFP 48-100E 3U  
test report No. CNDQ-ESH-P24081856

is the same model as in

Battery model B-LFP-100E  
test report No. KS2311S6076B01

for UN 38.3. 51.2V 100Ah 5120 WH, assembled cells EVE LF100LA in1P 16S configuration. The 3U addition is commercial determination.

Kind regards

Name: Eric Yi  
Title: CEO



2025.7.24.



86-752-2819 469  
86-752-2818 633

inquiry@bsl-battery.com  
www.lithium-battery-factory.com



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