

1.0 Reference and Address			
Report Number	2509B2457SHA-001	Original Issued: 18-Dec-2025	Revised: None
Standard(s)	Batteries for Use in Stationary and Motive Auxiliary Power Applications [ANSI/CAN/UL1973:2022 Ed.3]		
Applicant	Shandong Dejin New Energy Science and Technology Co., Ltd	Manufacturer	Shandong Dejin New Energy Science and Technology Co., Ltd
Address	No.001, South Head, Tonghai Road,Longkou Hi-tech Industrial Park,Longkou City,YANTAI CITY Shandong Province 265718	Address	No.001, South Head, Tonghai Road,Longkou Hi-tech Industrial Park,Longkou City,YANTAI CITY Shandong Province 265718
Country	CHINA	Country	CHINA
Contact	Mr.Zhenbing.You	Contact	Mr.Zhenbing.You
Phone	188-655-29088	Phone	188-655-29088
FAX	NA	FAX	NA
Email	zhenbing.you@sddejin.com.cn	Email	zhenbing.you@sddejin.com.cn

2.0 Product Description	
Product	Rechargeable Li-ion Cell
Brand name	NA
Description	The product covered by this report is Rechargeable Li-ion Cell.
Models	CBA71173207-314Ah
Model Similarity	NA
Ratings	3.2VDC,314Ah,1004.8Wh
Other Ratings	Refer to Illustration 3 for details.
Conditions of Acceptability	The products covered in this Report are incomplete in construction features or limited in performance capabilities and are intended for use and evaluation in other products. Consideration should be given to the following when the component is used in or with another product. 1. Temperature Testing should be performed on this component when installed in the end product. 2. Only single cell tests were evaluated. If the product is used in series or parallel, it should be evaluated as per this standard or the standard of the end product.

3.0 Product Photographs

Photo 1 - External view

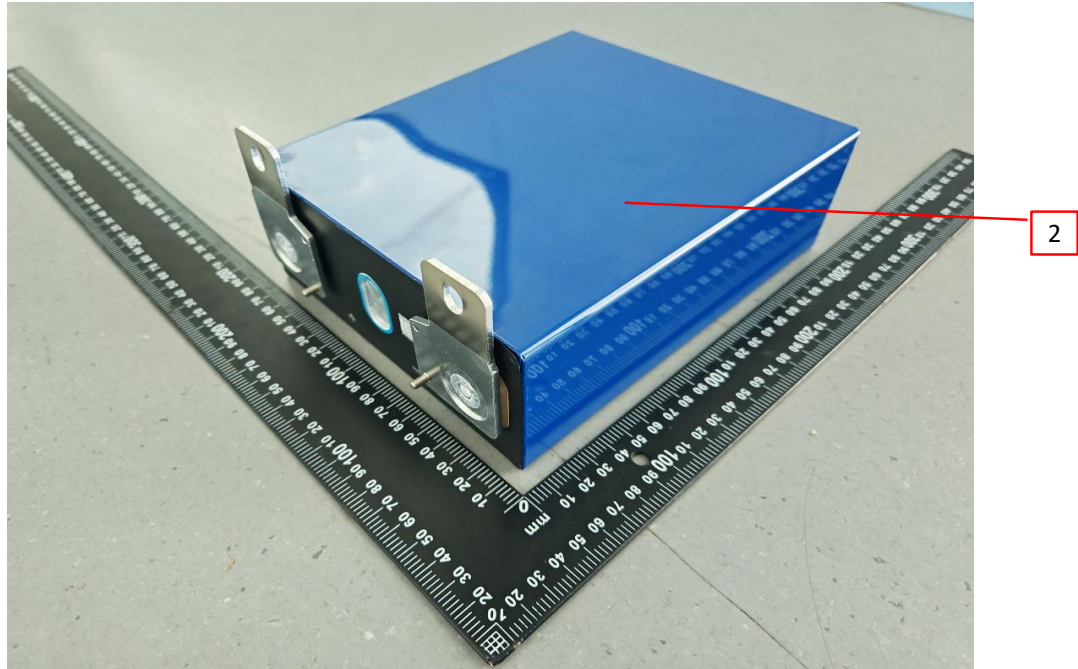
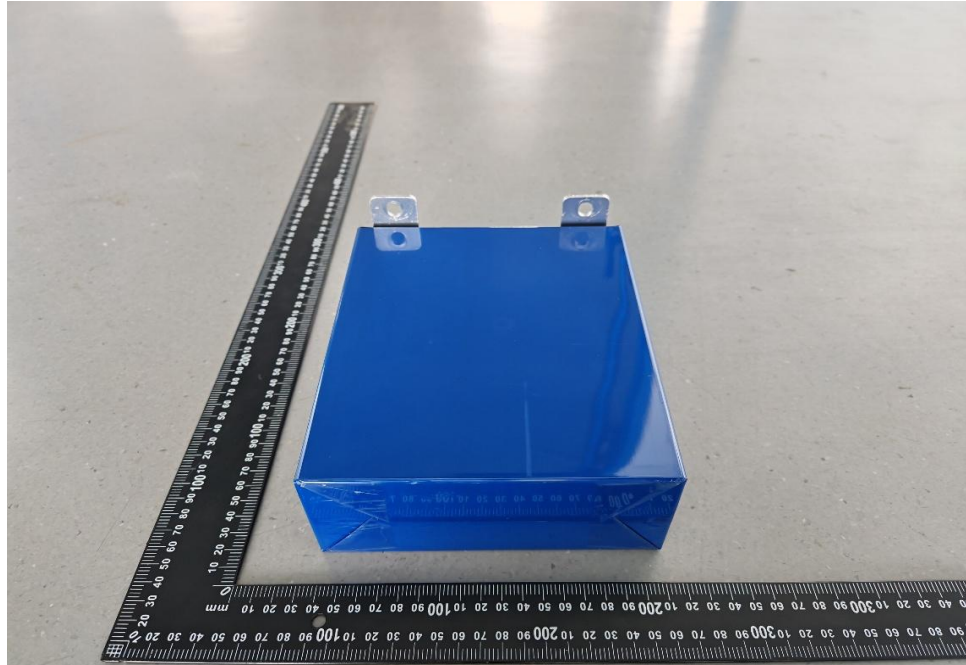


Photo 2 - External view



4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
1	1	Cell case(not shown)	Shandong ORG New Energy Co., Ltd.	71173204	Al, Thickness:0.6±0.05mm	NR
1	2	Jacket	Jiangsu Rongqi Optoelectronic Materials Technology Co., Ltd.	110µm*249mm	Material: PET Minimum thickness:110±20µm Temperature:220°C	NR
1	3	Electrolyte(not shown)	Sunyes Shanshan Advanced Materials Technology (Quzhou) Co, Ltd.	SDDJ-002	Composition:DMC,EMC,EC,PC, LiPF6 Conductivity:10.3±1.0mS/cm Dosage:1072g	NR
1	4	Separator (not shown)	Cangzhou Mingzhu Separator Technology Co., Ltd.	(9+3+2)µm*197 mm	Material: PE Dimension: T*W*L 0.014mm*197mm*33080mm shutdown temperature: 130°C	NR
1	5	Anode (not shown)	Inner Mongolia Xiangfu New Energy Co., Ltd.	A3	Negative Dimension: T*W*L: 0.123mm*191mm*15790mm Material: graphite Substrate: copper foil D50: 15±2µm Specific capacity: 350mAh/g	NR
1	6	Cathode (not shown)	Sichuan GCL Lithium PowerTechnology Co., Ltd	C3	Positive Dimension: T*W*L: 0.174mm*185.5mm*15420mm Material: LiFePO4 Substrate: luminium foil D50: 1.0±0.5µm Specific capacity: 145mAh/g	NR
1	7	Negative electrode tab(not shown)	Xuzhou Avoe Light Metal Technology CO.,Ltd	1060/T2	Size: T*W*L: 6.6mm*24.1mm*24.1mm Material: Al+Cu	NR
1	8	Positive electrode tab(not shown)	Xuzhou Avoe Light Metal Technology CO.,Ltd	1060	Size: T*W*L: 6.6mm*24.1mm*24.1mm Material: Al	NR
NOTES: 1) Not all item numbers are indicated (called out) in the photos, as their location is obvious. 2) "Various" means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used. 3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.						

5.0 Critical Unlisted CEC Components

No Unlisted CEC components are used in this report.

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Dimension - Refer to Illustration 1 for details.

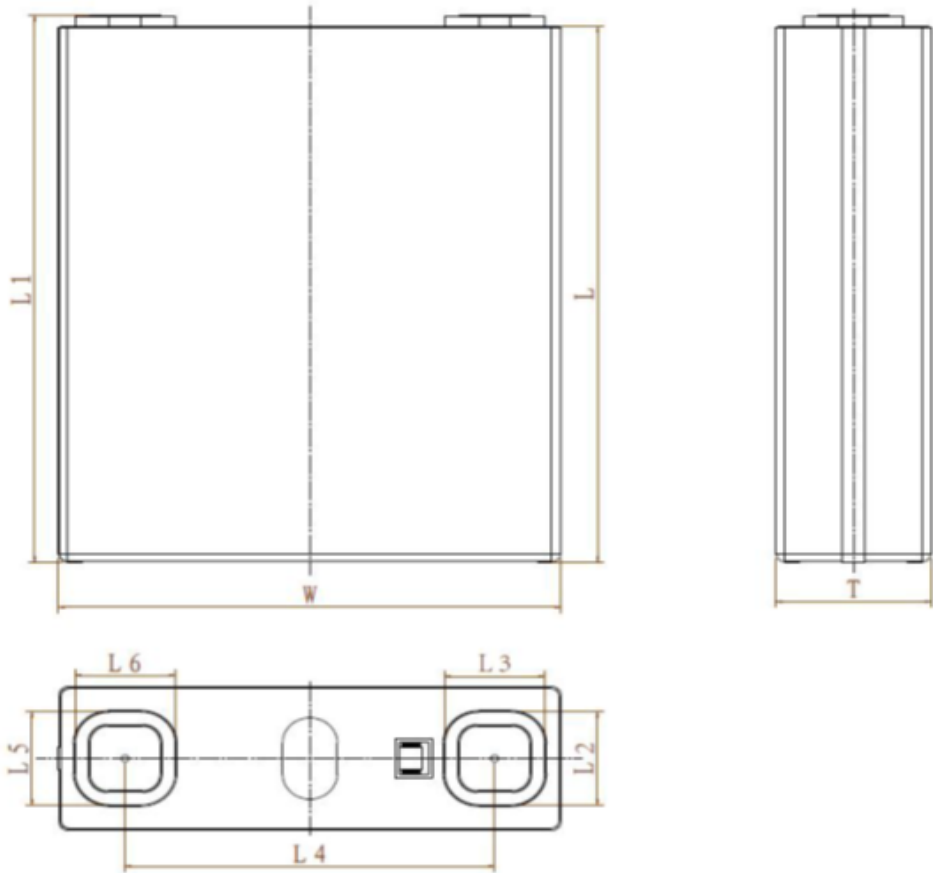
2. Markings - The product is marked on labeling system as follows:
Model number
Date of manufacture
Volts dc and capacity in Ampere-hours or Watt-hours
Applicant's name

3. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the applicant in the Instruction Manual Version number: Revision A/1. Refer to Illustration 4 for details.

4. Internal Instruction - Refer to Illustration 2 for details.

7.0 Illustrations

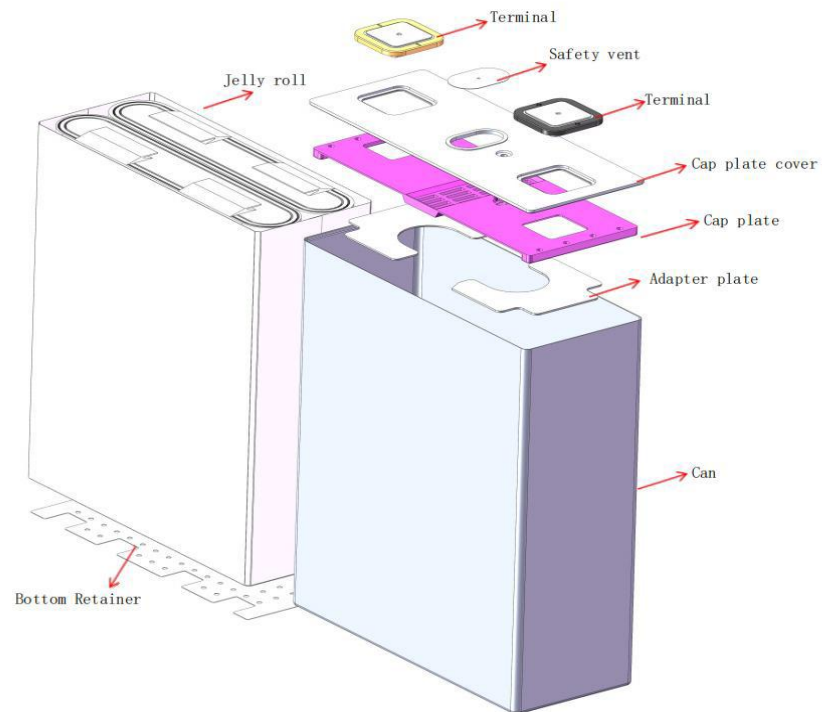
Illustration 1 - Dimensions(unit mm)



Name	Dimension Parameters
T	71.8±0.8mm
W	173.8±0.8mm
L	204.8±0.8mm
L1	207.8±0.8mm
L2=L3=L5=L6	34.7±0.5mm
L4	123.0±0.5mm

7.0 Illustrations

Illustration 2 - Internal Instruction



7.0 Illustrations

Illustration 3 - Test parameter

Product name	Rechargeable Li-ion Cell
Model name	CBA71173207-314Ah
Rated capacity (Ah)	314
Nominal voltage (V)	3.2
Standard Charge Current (A)	157
Standard Discharge Current (A)	157
Maximum continuous charge current (A)	314
Maximum continuous discharge current (A)	314
Charge temperature Range (°C)	0 to 55
Discharge temperature Range (°C)	-20 to 55
Standard Charge Voltage (V)	3.65
Upper limit Charging Voltage (V)	3.65
End-of-discharge Voltage (V)	2.5V(0~55°C) 2.0V(-20~0°C)
Weight (kg)	5.555±0.075
Dimension(mm)	71.8±0.8mm * 173.8±0.8mm * 207.8±0.8mm
Recommend charging method declared by the manufacturer	Charge at a constant power of 502.4W to 3.65V.

7.0 Illustrations

Illustration 4 - Manual

	Product Specification	Rev. : A/1
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Product Specification of Lithium-ion Cell

Cell Model: CBA71173207-314Ah

8.0 Test Summary					
Evaluation Period	2025-10-10 to 2025-11-18		Project No.	2509B2457SHA	
Sample Rec. Date	9-Oct-2025	Condition	Prototype	Sample ID.	A251013-13
Test Location	Intertek Testing Services (Shanghai FTZ) Co., Ltd.				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					
		ANSI/CAN/UL-1973:2022			
Test Description		Ed.3Cause			
Cells (battery and electrochemical capacitor)		7.12			
Preconditioning and Capacity Check		E2.2			
Short Circuit		E3			
Cell Impact		E4			
Drop Impact		E5			
Heating		E6			
Overcharge		E7			
Forced Discharge		E8			
Projectile		E9			
Test Description		Functional Safety			
System safety analysis		7.8(N/A)			
The above noted clauses have been properly addressed		Frank Song			

8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.			
Completed by:	Howe Zhang	Reviewed by:	Tommy Xia
Title:	Engineer	Title:	Reviewer
Signature:	<i>Howe Zhang</i>	Signature:	<i>Tommy Xia</i>

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	Shandong Dejin New Energy Science and Technology Co., Ltd
Address	No.001, South Head, Tonghai Road,Longkou Hi-tech Industrial Park,Longkou City,YANTAI CITY Shandong Province 265718
Country	CHINA
Product	Rechargeable Li-ion Cell

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

- 1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
- 2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
- 3) a control number issued by Intertek
- 4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, "Conforms to" shall appear with the standard number along with the word, "Standard" or "Std." Example: "Conforms to ANSI/UL Std. XX."

For Canadian standards, the words "Certified to CAN/CSA Standard CXX No. XX." shall be used, or abbreviated, "Cert. to CAN/CSA Std. CXX No. XX."

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.

The facsimile need not have a control number. A control number will be issued **after signed Certification**

Agreements have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:

Intertek Testing Services (Shanghai FTZ) Co., Ltd

ETL Component Evaluation Center

Building No. 86, 1198 Qinzhou Road (North)

Shanghai 200233, China

Attn: Ms. Emiliana Zhou

Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

NA

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

[illegible]