

Qingdao Chenyang Electrical Technology Co.,Ltd.

TEST REPORT

Prepared For :	Qingdao Chenyang Electrical Technology Co.,Ltd.
Product Name:	LFP energy storage battery pack
Model(s):	BDW40-800/24-100-1,BDW1-1000/50-100-1,BDW40-1000/50-100-1, BDW80-1000/50-200-1,BDW160-1000/50-400-1,BDW240-1000/50-600-1, BDW320-1000/50-800-1,BDW400-1000/50-1000-1, BDW800-1000/50-2000-1,BSP40-800/24-100-1, BSP80-1000/24-300-1,BSP150-1000/24-500-1,BSP300-1000/24-800-1, BSP450-1000/24-1000-1,BSP600-1000/24-1200-1,BSP800-1000/24-1600-1, BDM20-1000/50-50-1,BDM40-1000/50-100-1,BDM80-1000/50-200-1, BDM160-1000/50-400-1,BDM320-1000/50-800-1,BDM400-1000/50-1000-1, BDM500-1000/50-1000-1,BDM600-1000/50-1200-1, BDM800-1000/50-1400-1,BD60-1000/24-200-1,BD80-1000/24-300-1, BD100-1000/24-400-1,BD120-1000/24-400-1,BD150-1000/24-500-1, BD200-1000/24-800-1,BD40-800/24-100-1,BD240-1000/24-400-1, BD300-1000/24-1000-1,BD400-1000/24-900-1,BD400-1000/24-1000-1, BD500-1000/24-1000-1,BD600-1000/24-1200-1,BD-S40-800/24-800-1, BD-S60-1000/24-200-1,BD-S80-1000/24-1200-1,BD-S80-1000/24-800-1, BD-S120-1000/24-800-1,BD-S150-1000/24-500-1,BD-S200-1000/24-800-1, BD-S300-1000/24-800-1,BD-S300-1000/24-1000-1,BD-S400-1000/24-900-1, BD-S500-1000/24-1000-1,BD-S800-1000/24-1200-1,BDEL20-1000/50-50-1, BDEL40-1000/50-100-1,BDEL80-1000/50-200-1,BDEL160-1000/50-400-1, BDEL320-1000/50-800-1,BDEL400-1000/50-1000-1, BDEL500-1000/50-1000-1,BDEL600-1000/50-1200-1, BD-40S1P-128V-168AH-1,BD-40S1P-128V-150AH-1,BD-40S1P-128V-314AH-1, BD-16S1P-51.2V-168AH-1,BD-16S1P-51.2V-314AH-1, BD-16S2P-51.2V-628AH-1,BD-52S1P-166V-314AH-1,BD-52S2P-166V-628AH-1
Prepared By :	Qingdao Chenyang Electrical Technology Co.,Ltd.
Assessment Date:	2026-08-15
Date of Report :	2026-08-21
Report No.:	MTZ20260821003EMC

TEST REPORT

Report Reference No:	MTZ20260821003EMC
Date of issue.....:	2026-08-21
Assessment Laboratory:	Qingdao Chenyang Electrical Technology Co.,Ltd.
Address..... :	No.5 Yunshui 2ndRoad,Jimo,Qingdao , China
Applicant name:	Qingdao Chenyang Electrical Technology Co.,Ltd.
Address..... :	No.5 Yunshui 2ndRoad,Jimo,Qingdao , China
Assessment specification:	
Standards.....:	EN 55032:2015+A1:2020; EN 55035:2017+A11:2020; EN 61000-3-3:2013+A1:2019+A2:2021; EN IEC
Non-standard test method.....:	N/A
Assessment Report Form No:	--
Test Report Form(s) Originator.....:	
Master TRF.....:	Dated: 2020-08
This report is specially limited to the above client company and product model only. It may not be duplicated without prior written consent.	
Test item description:	LFP energy storage battery pack
Trade Mark.....:	N/A
Manufacturer.....:	Qingdao Chenyang Electrical Technology Co.,Ltd.
Model..... :	BDW40-800/24-100-1
Ratings.....:	N/A

Assessment procedure and location:

Assessment Laboratory.....: Qingdao Chenyang Electrical Technology Co.,Ltd.

Address.....: No.5 Yunshui 2ndRoad,Jimo,Qingdao , China

Date of Assessment.....: 2026-08-21

Assessed by (name + signature)..... : **Eric.Zhang**

Reviewed by (name + signature)..... : **Yanlei.Jia**

Approved by (name + signature).....: **Xun.Su**

EN 55035.55032 report

1. TEST SUMMARY

The Product has been tested according to the following specifications:

EMISSION		
Standard	Test Item	Test result
EN 55032	Conducted emissions from the AC mains power ports	N/A3
EN 55032	Asymmetric mode conducted emissions	N/A1
EN 55032	Conducted differential voltage emissions	N/A2
EN 55032	Radiated emissions	Pass

IMMUNITY (EN 55035)		
Standard	Test Item	Test result
IEC 61000-4-2	Electrostatic discharge (ESD)	Pass
IEC 61000-4-3	Continuous RF electromagnetic field disturbances(RS)	Pass
IEC 61000-4-4	Electrical fast transients/burst (EFT)	N/A3
IEC 61000-4-5	Surges	N/A3
IEC 61000-4-6	Continuous induced RF disturbances (CS)	N/A3
IEC 61000-4-6	Broadband impulse noise disturbances, repetitive	N/A4
IEC 61000-4-6	Broadband impulse noise disturbances, isolated	N/A4
IEC 61000-4-8	Power frequency magnetic field (PFMF)	N/A5
IEC 61000-4-11	Voltage dips and interruptions (DIPS)	N/A3

Remark:

1. Applicable to ports listed above and intended to connect to cables longer than 3 m.
2. The Product has no antenna port.
3. The EUT is powered by the DC only, the test item is not applicable
4. Applicable only to CPE xDSL ports.
5. The Product doesn't contain any device susceptible to magnetic fields.

2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Test item	Value (dB)
Radiated Emission(30MHz~1GHz)	4.30
Radiated Emission(1GHz~6GHz)	4.90

3. PRODUCT INFORMATION AND TEST SETUP

3.1 Product Information

Ratings: DC 60V

Model difference: All models are identical except for the appearance color, the test model is FRM and the test results are applicable to other tests.

3.2 Test Setup Configuration

See test photographs attached in EUT TEST SETUP PHOTOGRAPHS for the actual connections between Product and support equipment.

3.3 Support Equipment

No	Device Type	Brand	Model	Series No.	Data Cable	Power Cord
1.	--	--	--	--	--	--

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

3.4 Test Mode

Test item	Test Mode	Test Voltage
Radiated emissions(30MHz-1GHz) Class B	Working	DC 60V*
Electrostatic discharge (ESD) B ☒ Air Discharge: ±8kV ☒ Contact Discharge: ±4kV ☒ HCP & VCP: ±4Kv 10 times each point/	Working	DC 60V

Continuous RF electromagnetic field disturbances(RS) 80MHz-1000MHz, 1800MHz, 2600MHz,3500MHz,5000MHz 3V/m,80% AM Front, Rear, Left, Right H/V	Working	DC 60V
All test mode were tested and passed, Radiated Emissions shows (*) is the worst case mode which were recorded in this report.		

4. TEST FACILITY AND TEST INSTRUMENT USED

4.1 Test Facility

All measurement facilities used to collect the measurement data are located at ZNCT & 5th Floor, No.9 Fengling Road, Wuchang Street, Yuhang District, Hangzhou City, Zhejiang. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

4.2 Test Instrument Used

Continuous RF electromagnetic field disturbances Test					
Equipment	Manufacturer	Model	Serial	Last Cal.	Next Cal.
Power meter	Keysight	E4419	GB4242144 0	Jun. 19, 2023	Jun. 18, 2025
Power sensor	Keysight	E9300A	US3921130 5	Jun. 19, 2023	Jun. 18, 2025
Power sensor	Keysight	E9300A	US3921165 9	Jun. 19, 2023	Jun. 18, 2025
Amplifier	SKET	HAP-8010 00M-250W	\	Jun. 19, 2023	Jun. 18, 2025
Amplifier	SKET	HAP-8010 00M-75W	\	Jun. 19, 2023	Jun. 18, 2025
Amplifier	SKET	HAP-8010 00M-50W	\	Jun. 19, 2023	Jun. 18, 2025
Stacked double Log.-Per. Antenna	Schwarzbeck	STLP 9129	077	\	\
Field Probe	Narda	EP-601	80256	Jun. 19, 2023	Jun. 18, 2025
Signal Generator	Agilent	N5181A	MY5014374 8	Jun. 19, 2023	Jun. 18, 2025
Software	SKET	EMC-S	1.2.0.18	\	\

Electrostatic discharge immunity Test					
Equipment	Manufacturer	Model	Serial	Last Cal.	Next Cal.

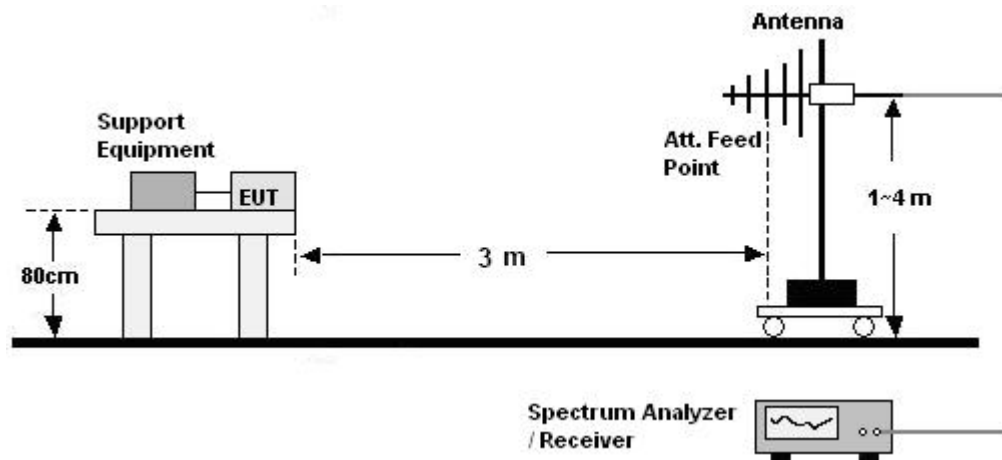
ESD Tester	KIKISUI	KES4201 A	UH002321	Jun. 19, 2023	Jun. 18, 2025
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Radiated emissions Test (966 chamber)					
Equipment	Manufacturer	Model	Serial	Last Cal.	Next Cal.
966 chamber	ChengYu	966 Room	966	Jun. 19, 2023	Jun. 18, 2025
Receiver	R&S	ESR3	102075	Jun. 19, 2023	Jun. 18, 2025
Receiver	R&S	ESRP	101154	Jun. 19, 2023	Jun. 18, 2025
Amplifier	Schwarzbeck	BBV971 8	9718-309	Jun. 19, 2023	Jun. 18, 2025
Amplifier	Schwarzbeck	BBV974 4	9744-0037	Jun. 19, 2023	Jun. 18, 2025
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	VULB9163-942	Jun. 19, 2023	Jun. 18, 2025
Horn Antenna	SCHWARZBECK	BBHA9120 D	1201	Jun. 19, 2023	Jun. 18, 2025
Software	Frad	EZ-EMC	FA-03A2 RE	\	\

5. RADIATED EMISSIONS TEST

a) Block Diagram Of Test Setup

30MHz ~ 1GHz:



5.2 Limits

Limits for radiated disturbance of Class B MME

Frequency (MHz)	Quasi-peak limits at 3m dB(μ V/m)
30-230	40
230-1000	47

Note: The lower limit shall apply at the transition frequencies.

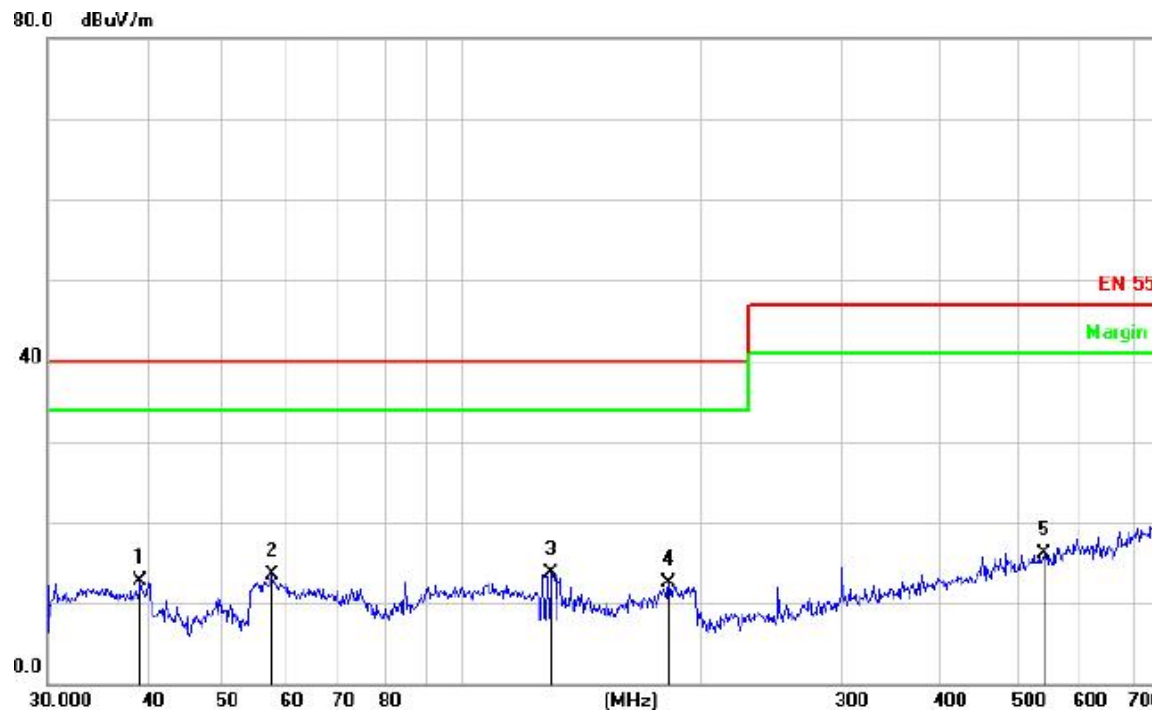
5.3 Test Procedure

30MHz ~ 1GHz:

- The Product was placed on the nonconductive turntable 0.8m above the ground in a semi anechoic chamber.
- Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 120 kHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied between 1~4 m in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- For each frequency whose maximum record was higher or close to limit, measure its QP value: vary the antenna's height and rotate the turntable from 0 to 360 degrees to find the height and degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to QP Detector and specified bandwidth with Maximum Hold Mode, and record the maximum value.

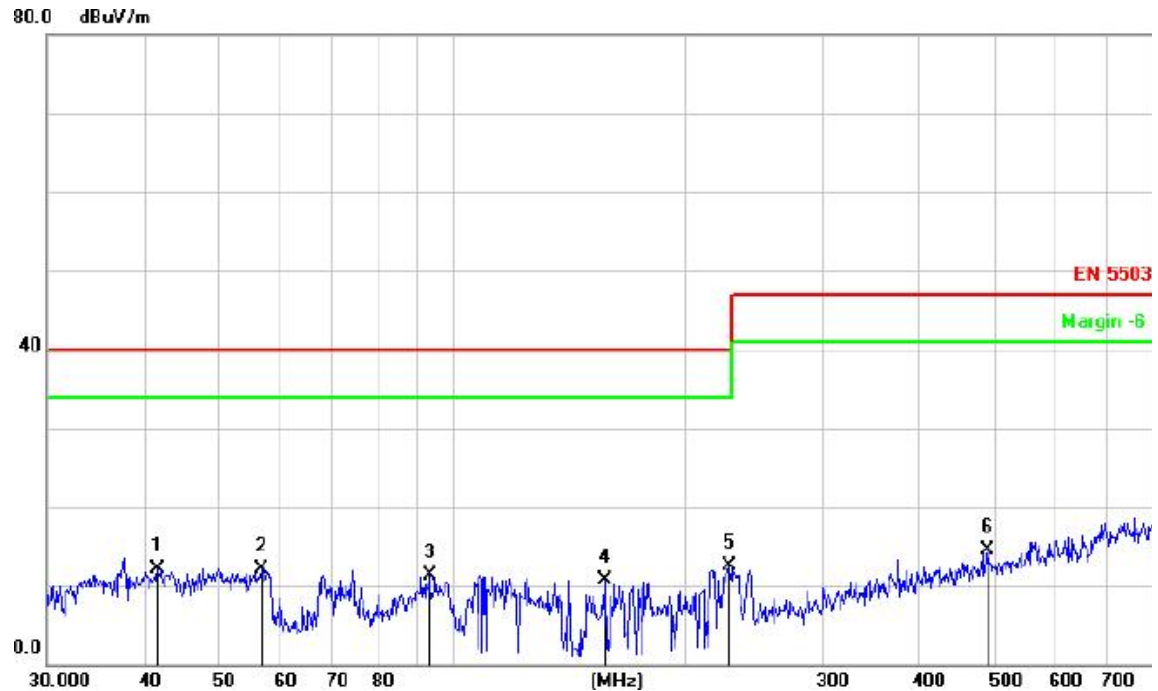
5.4 Test Results

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Phase :	Horizontal
Test Voltage :	DC 60V	Test Mode:	Working



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dB/m	dB	cm	degree
							Detector		Comment
1		39.2991	28.29	-15.54	12.75	40.00	-27.25	QP	
2		57.5939	29.09	-15.65	13.44	40.00	-26.56	QP	
3	*	129.4677	31.96	-18.18	13.78	40.00	-26.22	QP	
4		181.9202	29.97	-17.46	12.51	40.00	-27.49	QP	
5		539.4775	24.03	-7.95	16.08	47.00	-30.92	QP	
6		760.7036	24.00	-4.19	19.81	47.00	-27.19	QP	

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Phase :	Vertical
Test Voltage :	DC 60V	Test Mode:	Working



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
		MHz	Level	Factor	ment			Height	Degree
			dBuV	dB	dBuV/m	dB/m	dB	cm	degree
1		41.7129	27.49	-15.31	12.18	40.00	-27.82	QP	
2		56.7917	27.67	-15.57	12.10	40.00	-27.90	QP	
3		93.4402	28.78	-17.47	11.31	40.00	-28.69	QP	
4		157.5588	29.79	-19.02	10.77	40.00	-29.23	QP	
5	*	227.6906	28.24	-15.66	12.58	40.00	-27.42	QP	
6		489.0269	23.70	-9.17	14.53	47.00	-32.47	QP	

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

6. IMMUNITY TEST OF GENERAL THE PERFORMANCE

CRITERIA

Product Standard	EN 55035:2017 clause 5
CRITERION A	<p>The equipment shall continue to operate as intended without operator intervention. No degradation of performance, loss of function or change of operating state is allowed below a performance level specified by the manufacturer when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.</p>
CRITERION B	<p>During the application of the disturbance, degradation of performance is allowed. However, no unintended change of actual operating state or stored data is allowed to persist after the test.</p> <p>After the test, the equipment shall continue to operate as intended without operator intervention; no degradation of performance or loss of function is allowed, below a performance level specified by the manufacturer, when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance.</p> <p>If the minimum performance level (or the permissible performance loss), or recovery time, is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.</p>
CRITERION C	<p>Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacturer's instructions. A reboot or re-start operation is allowed.</p> <p>Information stored in non-volatile memory, or protected by a battery backup, shall not be lost.</p>

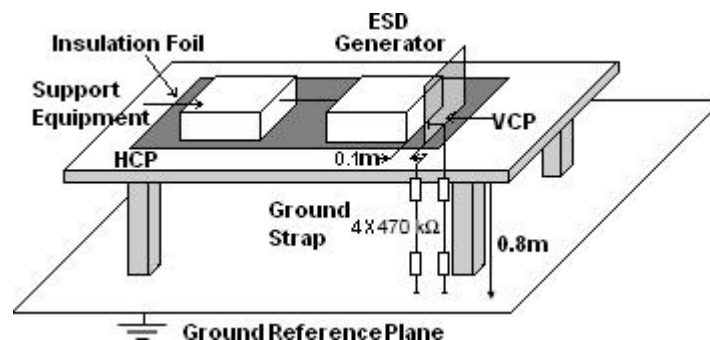
1. IMMUNITY TEST OF GENERAL THE PERFORMANCE

CRITERIA

7.1 Test Specification

Test Port:	Enclosure port
Discharge Impedance:	330 ohm / 150 pF
Discharge Mode:	Single Discharge
Discharge Period:	One second between each discharge

1. Block Diagram of Test Setup



7.3 Test Procedure

- Electrostatic discharges were applied only to those points and surfaces of the Product that are accessible to users during normal operation.
- The test was performed with at least ten single discharges on the pre-selected points in the most sensitive polarity.
- The time interval between two successive single discharges was at least 1 second.
- The ESD generator was held perpendicularly to the surface to which the discharge was applied and the return cable was at least 0.2 meters from the Product.
- Contact discharges were applied to the non-insulating coating, with the pointed tip of the generator penetrating the coating and contacting the conducting substrate.
- Air discharges were applied with the round discharge tip of the discharge electrode approaching the Product as fast as possible (without causing mechanical damage) to touch the Product. After each discharge, the ESD generator was removed from the Product and re-triggered for a new single discharge. The test was repeated until all discharges were complete.
- At least ten single discharges (in the most sensitive polarity) were applied to the Horizontal Coupling Plane at points on each side of the Product. The ESD generator was positioned vertically at a distance of 0.1 meters from the Product with the discharge electrode touching the HCP.
- At least ten single discharges (in the most sensitive polarity) were applied to the center of one vertical edge of the Vertical Coupling Plane in sufficiently different positions that the four faces of the Product were completely illuminated. The VCP (dimensions 0.5m x 0.5m) was placed vertically to and 0.1 meters from the Product.

7.4 Test Results

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Test Mode:	Working
Test Voltage :	DC 60V		

Discharge Method	Discharge Position	Voltage (±kV)	Min. No. of Discharge per polarity (Each Point)	Required Level	Performance Criterion
Contact Discharge	Conductive Surfaces	4	10	B	A
	Indirect Discharge HCP	4	10	B	A
	Indirect Discharge VCP	4	10	B	A
Air Discharge	Slots, Apertures, and Insulating Surfaces	8	10	B	A
Note: N/A					

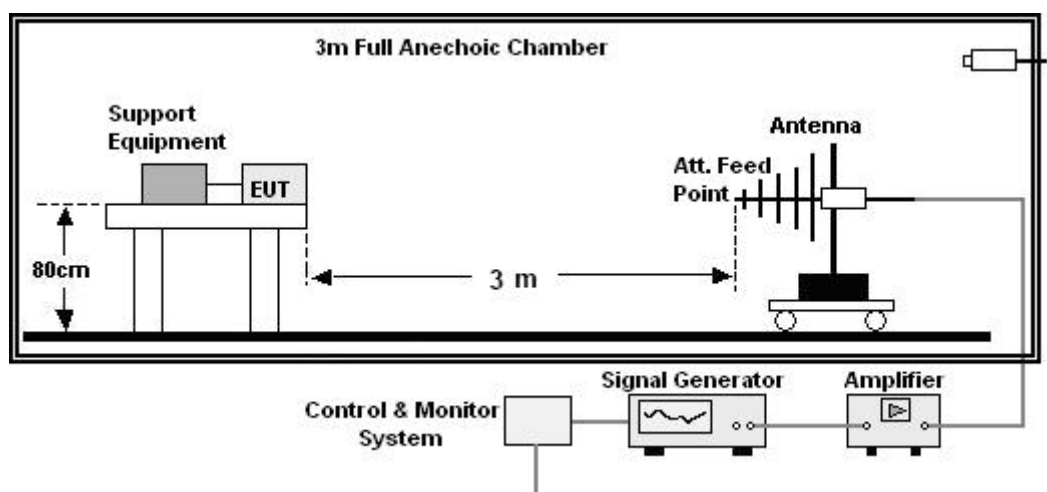
2. CONTINUOUS RF ELECTROMAGNETIC FIELD DISTURBANCES (RS)

8.1 Test Specification

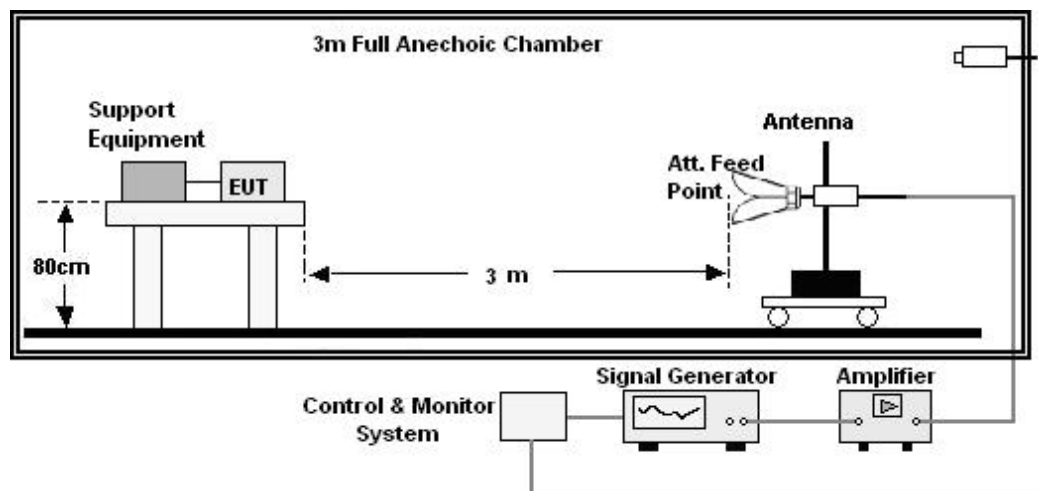
Test Port:	Enclosure port
Step Size:	1%
Modulation	1kHz, 80% AM
Dwell Time	1 second
Polarization	Horizontal & Vertical

1. Block Diagram of Test Setup

Below 1GHz:



Above 1GHz:



8.3 Test Procedure

- The testing was performed in a fully-anechoic chamber. The transmit antenna was located at a distance of 3 meters from the Product.
- The frequency range is swept from 80MHz to 1000MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz, with the signal 80% amplitude modulated with a 1 kHz sine wave, and the step size was 1%.
- The dwell time at each frequency shall not be less than the time necessary for the EUT to be exercised and to be able to respond, but should not exceed 5 s at each of the frequencies during the scan.
- The test was performed with the Product exposed to both vertically and horizontally polarized fields on each of the four sides.
- For Broadcast reception function: Group 2 not apply in this test.

8.4 Test Results

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Test Mode:	Working
Test Voltage :	DC 60V		

Frequency	Position	Field Strength (V/m)	Required Level	Performance Criterion
80 - 1000MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz	Front, Right, Back, Left	3	A	A
Note: N/A				

6. GENERAL INFORMATION

a) Product Description for Equipment Under Test (EUT)

The product that is produced by Qingdao Chenyang Electrical Technology Co.,Ltd. .

No.5 Yunshui 2ndRoad,Jimo,Qingdao , China

Test model: or the "EUT" as referred to in this report is LFP energy storage battery pack.

Application model: BDW40-800/24-100-1

b) Objective

In order to meet the EMC requirements approved by CENELEC, the following standards will be cited:

3. EN IEC 61000-3-2: 2019+A1:2021, , Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).
4. EN 61000-3-3: 2013+A2:2021 , Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

Note: The test data is only valid for the test sample. There is possible deviation from the original test data for other products

c) Equipment Modifications

No modification to the EUT was made by manufacturer to make sure the EUT comply with applicable limits.

7. EN IEC 61000-3-2: 2019+A1:2021,

2.1 Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Last Cal. Date	Cal. Period
EMCPARTNER	Harmonics and Flicker Analyzer	HARMONIC S-1000	HAR1000-40	2025.7	3 Year

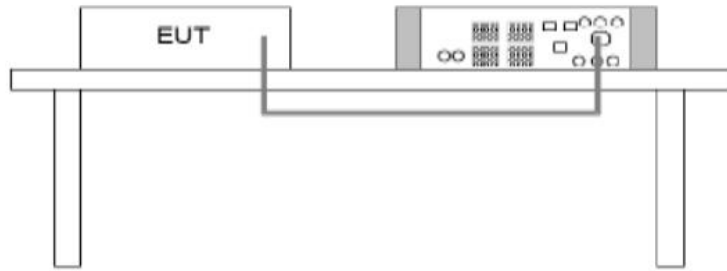
1. Limits

Limits for Class A equipment

Harmonic order n	Maximum permissible harmonic current A
Odd harmonic	
3	2.30
5	2.01
7	0.65
9	0.40
11	0.33
13	0.28
$15 \leq n \leq 39$	$0.15 / n$
Even harmonic	
2	1.08
4	0.58
6	0.43
$8 \leq n \leq 40$	$0.23 / n$

2. TEST PROCEDURE AND THE TEST SET-UP

- a. The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the maximum harmonic components under normal operating conditions for each successive harmonic component in turn.
- b. The classification of EUT is according to section 5 of EN 61000-3-2. The EUT is classified as follows:
 5. Class A: Balanced three-phase equipment, Household appliances excluding equipment as Class D, Tools excluding portable tools, Dimmers for incandescent lamps, audio equipment, equipment not specified in one of the three other classes.
 6. Class B: Portable tools. Arc welding equipment which is not professional equipment
 7. Class C: Lighting equipment, including dimming devices.
 8. Class D: Equipment having a specified power less than or equal to 600 W of the following types: Personal computers and personal computer monitors.
- c. The correspondent test program of test instrument to measure the current harmonics emanated from EUT is chosen. The measure time shall be not less than the time necessary for the EUT to be exercised.



1. Test Data and Records

	Order Freq.	Irms	I _{max}	Limit	Status
	Hz	A	A	A	
2	100	0.0367	0.0443	1.0800	
3	150	0.3418	0.3448	2.3000	
4	200	0.0463	0.0488	0.4300	
5	250	0.0214	0.0259	1.1400	
6	300	0.0214	0.0244	0.3010	
7	350	0.0473	0.0488	0.7800	
8	400	0.0061	0.0107	0.2300	
9	450	0.0214	0.0244	0.4000	
10	500	0.0117	0.0137	0.1840	
11	550	0.0198	0.0259	0.3300	
12	600	0.0152	0.0158	0.1533	
13	650	0.0259	0.0336	0.2100	
14	700	0.0122	0.0137	0.1304	
15	750	0.0305	0.0305	0.1500	
16	800	0.0015	0.0061	0.1150	
17	850	0.0244	0.0259	0.1324	
18	900	0.0015	0.0066	0.1022	
19	950	0.0168	0.0183	0.1184	
20	1000	0.0046	0.0092	0.0920	
21	1050	0.0107	0.0198	0.1071	
22	1100	0.0107	0.0132	0.0836	
23	1150	0.0168	0.0229	0.0978	
24	1200	0.0076	0.0092	0.0706	
25	1250	0,0198	0.0214	0.0900	
26	1300	0.0046	0.0056	0.0708	
27	1350	0.0183	0.0214	0.0833	
28	1400	0.0031	0.0076	0.0657	
29	1450	0.0137	0.0168	0.0776	
30	1500	0.0086	0.0092	0.0613	
31	1550	0.0117	0.0183	0.0726	
32	1600	0.0061	0.0107	0.0575	
33	1650	0.0117	0,0198	0,0682	
34	1700	0.0076	0.0092	0.0531	

35	1750	0.0214	0.0244	0.0643
36	1800	0.0031	0.0076	0.0511
37	1850	0.0198	0.0219	0.0608
38	1900	0.0076	0.0117	0.0484
39	1950	0.0107	0.0183	0.0577
40	2000	0.0089	0.0122	0.0460

2.5 Verdict

The EUT met the requirement.

9. EN 61000-3-3: 2013+A2:2021

3.1 Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Last Cal. Date	Cal. Period
EMCPARTNER	Harmonics and Flicker Analyzer	HARMONIC S-1000	HAR1000-40	2025.7	3 Year

1. Limits

The value of P_{st} shall not be greater than 1.0;

The value of P_{lt} shall not be greater than 0.65;

The value of $d(t)$ during a voltage change shall not exceed 3.3% for more than 500ms;

The relative steady-state voltage change, dc , shall not exceed 3.3%;

The maxim relative voltage change, d_{max} , shall not exceed 4%.

Notes: P_{st} : Short-term flicker indicator the flicker severity evaluated over a short period (in minutes); $P_{st}=1$ is the conventional threshold of irritability;

P_{lt} : long-term flicker indicator; the flicker severity evaluated over a long period (a few hours) Using successive P_{st} values;

dc : the relative steady-state voltage change ;

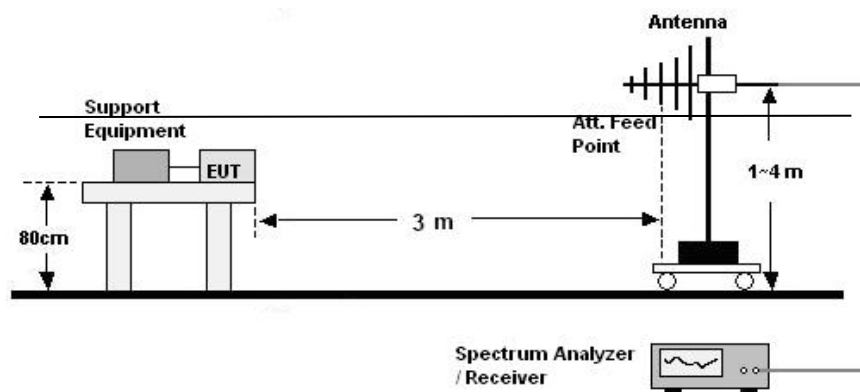
d_{max} : maximum relative voltage change ;

$d(t)$: the value during a voltage change .

2. Test procedure and the test set-up

a. The EUT was placed on the top of a wooden table 0.8 meters above the ground and operated to produce the most unfavorable sequence of voltage changes under normal operating conditions.

b. During the flick measurement, the measure time shall include that part of whole operation cycle in which the EUT produce the most unfavorable sequence of voltage changes. The observation period for short-term flicker indicator is 10 minutes and the observation period for long-term flicker indicator is 2 hours.



3.4 Test Data and Records

Flicker and Voltage Fluctuation	Limit	Value
Short-term flicker Indicator Pst	1.0	0.144
Long-term flicker Indicator Pst	0.78	0.351
Relative Steady-state Voltage Change dc [%]	3.5	0.158
Maximum Relative Voltage Change dmax [%]	4.0	1,419
Relative Voltage Change Characteristic dt [%]	0.50	0.000

Result: **PASSED**

3.5 Verdict

The EUT met the requirement.

Annex

Photo of machine

/Photo/

Nameplate

LFP energy storage battery pack

Model(s):BDW40-800/24-100-1



Manufacturer: Qingdao Chenyang Electrical Technology Co.,Ltd.

Address: No.5 Yunshui 2ndRoad,Jimo,Qingdao , China

Notice

8. This evaluation report is for samples only.
9. This evaluation report has assessed the basic requirements of the sample according to relevant standards.
10. This evaluation report is invalid without authorized signature.
11. This assessment report shall not be altered or deleted,
12. This assessment report shall not be used as a forensic expertise.
13. This assessment report is internal data and does not have the ability of public disclosure.
14. Client shall put forward demurrer within 15days after received report. laboratory shall refuse disposal if exceeded the time limit.
15. The assessment results presented in this report relate only to the object assessment.