



TEST REPORT N°: CNDQ-ESH-P23111603B

EMC TEST REPORT

To :	SOLARMG SRL	Fax :	--
Attn :	--	Email :	--
Address :	Via Enrico De Nicola, 52025 Montevarchi AR Italia		
Cc :	--	Fax/Email :	--
Attn :	--		
This document includes : 27 pages		Test date :	Jul.20 to Aug.3, 2022

FACTORY NAME :	Shanghai Steltec Energy Technology CO.,LTD	
ADDRESS :	Room J4986, Floor1, NO. 185, Moyu Road, Anting Town, Jiading District, 201805 Shanghai, P.R. China	
PRODUCT :	Rechargeable Li-ion Battery	
TYPE REFERENCE :	SG-B5KW	
TRADE MARK :		
RATED VOLTAGE :	DC 51.2V	
RATED INPUT CURRENT :	Max 100A	
PROTECTION CLASS :	--	
TESTS REALISED :	On one sample of SG-B5KW	
STANDARDS USED(DATE) :	EN IEC 61000-6-3:2021 EN IEC 61000-6-4:2019 EN IEC 61000-6-1:2019 EN IEC 61000-6-2:2019	
CLAUSES EXAMINED :	All Clauses Relevant.	
All the 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, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China) (CNAS L13261)		
CONCLUSION :		The sample does satisfy the clauses examined .
Test done by:		Approved by:
Name : Able ZHAO Date : Dec.7, 2023		Name : Wen ZHU Date : Dec.7, 2023
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/cps/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.		

BUREAU VERITAS ADT (Shanghai) Corporation 必维诚硕科技（上海）有限公司	No. 829, Xinzhuang Road, Shanghai, P.R.China (201612)	Tel: +86 21 6195 7000 Fax: +86 21 6195 7001 Email: contact@cn.bureauveritas.com
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1 TESTING PROGRAM

The tests have been carried out according to the requirements of the following standards :

Emission standard EN IEC 61000-6-3:2021

- Measurement of the radiated emission.
- Measurement of the conducted emission.
- Measurement of the discontinuous interference.
- Measurement of the harmonic currents.
- Measurement of the voltage fluctuations.

Emission standard EN IEC 61000-6-4:2019

- Measurement of the radiated emission.
- Measurement of the conducted emission.
- Measurement of the discontinuous interference.
- Measurement of the harmonic currents.
- Measurement of the voltage fluctuations.

Immunity standard EN IEC 61000-6-1:2019

- Immunity to electrostatic discharges - publication IEC 61000-4-2.
- Immunity to fast transients/bursts - publication IEC 61000-4-4.
- Immunity to conducted disturbances induced by radio-frequency fields - publication IEC 61000-4-6.
- Immunity to power frequency magnetic field- publication IEC 61000-4-8.
- Immunity to radiated radio-frequency electromagnetic field with amplitude modulation - publication IEC 61000-4-3.
- Immunity to surges - publication IEC 61000-4-5.
- Immunity to voltage dips -publication IEC 61000-4-11.
- Immunity to voltage interruptions - publication IEC 61000-4-11.

Immunity standard EN IEC 61000-6-2:2019

- Immunity to electrostatic discharges - publication IEC 61000-4-2.
- Immunity to fast transients/bursts - publication IEC 61000-4-4.
- Immunity to conducted disturbances induced by radio-frequency fields - publication IEC 61000-4-6.
- Immunity to power frequency magnetic field- publication IEC 61000-4-8.
- Immunity to radiated radio-frequency electromagnetic field with amplitude modulation - publication IEC 61000-4-3.
- Immunity to surges - publication IEC 61000-4-5.
- Immunity to voltage dips -publication IEC 61000-4-11.
- Immunity to voltage interruptions - publication IEC 61000-4-11.

Special None.
Comment :

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2 HISTORY OF FAILURE

None.

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3 OPERATING CONDITIONS

The apparatus was placed in a shielded room, full or semi anechoic chamber, and was powered by DC source. The apparatus was worked continuously.

Climatic conditions :	Temperature	:	24.2 °C
	Relative humidity	:	42.0 %
	Atmospheric pressure	:	100.1 kPa

4 PERFORMANCE CRITERIA

- Criterion A : The apparatus operate as intended during the test. No degradation of performance or loss of function is allowed below the performance level.
- Criterion B : The apparatus operate as intended after the test. No change of operating state and the stored data are allowed. During the test, degradation of performance is allowed.
- Criterion C : Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls, or by any operation specified in the instructions for use.



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5 TEST INSTRUMENTS

Radiated Emissions Measurement At Frequencies Between 30 MHz to 1GHz					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Ultra-Broadband logarithmic period Antenna	Schwarzbeck	VULB 9163	01230	19/02/2024
2	Pre-Amplifier	Schwarzbeck	BBV 9745	9745#129	17/02/2024
3	EMI Test Receiver	R&S	ESR	102525	17/02/2024
4	Battery Test System	RePower	RLLC-15KT-120V	030119093795/ 030119093790	19/02/2024

Conducted Emissions Measurement					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	LISN	R&S	ENV432	1326.6105.02	17/02/2024
2	EMI Test Receiver	R&S	ESR	102524	17/02/2024

Electrostatic Discharge Immunity(ESD)					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	ESD Simulator	TESEQ	NSG 437	1364	19/02/2024

Radiated, Radio-frequency, Electromagnetic Field Immunity (RS)					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	RF Switch	JS TOYO	NS 4903	1901-214	17/02/2024
2	Signal Generator	Agilent	N5181A	MY50141283	17/02/2024
3	Power Meter	Agilent	E4419	GB40202778	17/02/2024
4	Power Sensor	Agilent	E9304A	MY50390009	17/02/2024
5	Power Sensor	Agilent	E9300A	MY41498315	17/02/2024
6	Transmit Antenna	Schwarzbeck	VULP 9118 E	00996	19/02/2024
7	Transmit Antenna	Schwarzbeck	STLP 9149	00652	19/02/2024
8	Power Amplifier	Vectawave	VBA1000-150	123821	17/02/2024
9	Dual Directional Coupler	Werlatone	C5597-10	118142	17/02/2024
10	Power Amplifier	Milmega	AS0706-50	1085571	17/02/2024

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Surge Immunity					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Test Host	EMC partner	IMU4000 F-S-D	106754-2085	17/02/2024

Power Frequency Magnetic Field Immunity					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Test Host	EMC partner	IMU4000 F-S-D	106754-2085	17/02/2024
2	Magnetic Field Coil	EMC partner	MF1000-1	1605	17/02/2024

EFT					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Test Host	EMC partner	IMU4000 F-S-D	106754-2085	17/02/2024

Immunity To Conducted Disturbances, Induced By Radio-frequency Fields					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Power Amplifier	Vectawave	VBA230-80	123848	17/02/2024
2	Dual Directional Coupler	Werlatone	C5086-10	118149	17/02/2024
3	Analog Signal Generator	R&S	SML03	100813	17/02/2024
4	Power Meter	Agilent	E4419B	GB41293710	17/02/2024
5	CDN	TESEQ	CDN M016S	53427	17/02/2024

List of auxiliary equipment					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	DC Electronic Load	ITECH	IT8514C+	/	17/02/2024

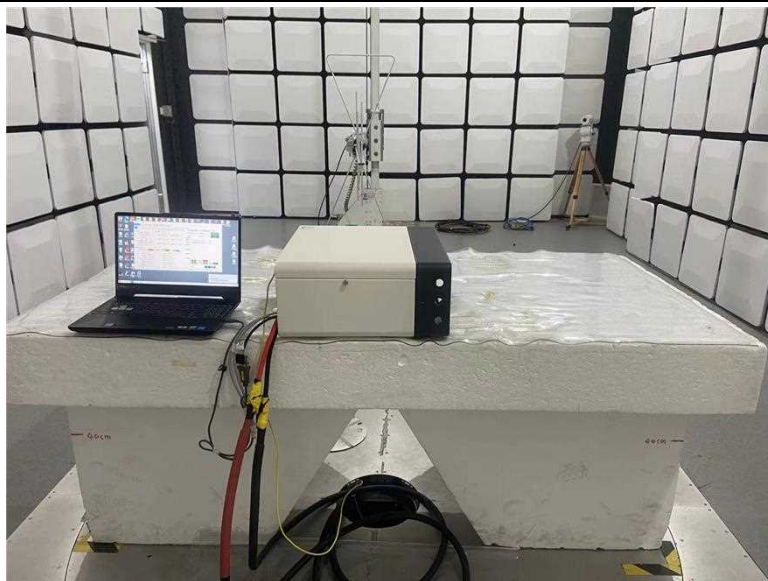


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6 TEST SETUP



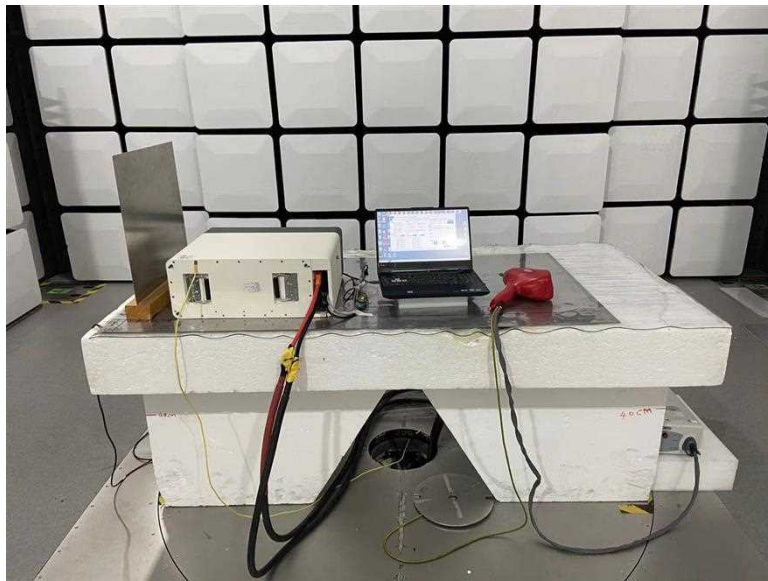
CE



RE



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ESD



RS 80-1000MHz



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RS 1-6GHz



CS



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EFT/Surge



PFM

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7 TEST RESULTS

7.1 EMISSION STANDARD EN IEC 61000-6-3:2021

Article	TEST	TEST SPECIFICATION	RESULTS			
			P	F	NA	Rem
8	<u>Radiated disturbance</u> Frequency range: 30 – 1000 MHz Table 3: Emission Enclosure Basic standard: EN 55032, Class B	Operating conditions : according to the article 5 Measuring Distance: 3 m Antenna : - horizontal position - vertical position Diagram(s) No. <1>	[X] [X]	[] []	[] []	[] []
8	<u>Conducted disturbance</u> Frequency range: 0,15 – 30 MHz Table 5: Emission DC power port Basic standard: EN 55032, Class B	Operating conditions : according to the article 5 Port(s) : • DC power port Diagram(s) No. <2>	[X]	[]	[]	[]
8	<u>Conducted disturbance</u> Frequency range: 0,15 – 30 MHz Table 6: Emission Wired ports Basic standard: EN 55032, Class B	Operating conditions : according to the article 5 Port(s) : • Wired network ports Diagram(s) No. < >	[]	[]	[X]	[1]
8	<u>Discontinuous interference</u> Frequency range: 0,15 – 30 MHz Table 4: Emission AC mains Basic standard: EN 55014-1	Operating conditions : according to the article 5 Port(s) : • AC mains port Table(s) No. < >	[]	[]	[X]	[]
8	<u>Limits for harmonic currents emission</u> Basic standard: EN 61000-3-2	Frequency range: 0 to 2 kHz Class of the apparatus : A Table(s) No. < >	[]	[]	[X]	[2]
8	<u>Limitation of voltage fluctuations and flicker in low-voltage supply systems</u> Basic standard: EN 61000-3-3	Frequency range: 0 to 2 kHz Table(s) No. < >	[]	[]	[X]	[2]

P : pass – F : Fail – NA : not applicable – Rem : remark

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7.2 EMISSION STANDARD EN IEC 61000-6-4:2021

Article	TEST	TEST SPECIFICATION	RESULTS			
			P	F	NA	Rem
8	<u>Radiated disturbance</u> Frequency range: 30 – 1000 MHz Table 3: Emission Enclosure Basic standard: EN 55032, Class A	Operating conditions : according to the article 5 Measuring Distance: 3 m Antenna : - horizontal position - vertical position Diagram(s) No. <1>	 [X] [X]	 [] []	 [] []	 [] []
8	<u>Conducted disturbance</u> Frequency range: 0,15 – 30 MHz Table A.1: Emission DC power port Basic standard: EN 55032, Class A	Operating conditions : according to the article 5 Port(s) : • DC power port Diagram(s) No. <2>	 [X]	 []	 []	 []
8	<u>Conducted disturbance</u> Frequency range: 0,15 – 30 MHz Table 5: Emission Wired ports Basic standard: EN 55032, Class A	Operating conditions : according to the article 5 Port(s) : • Wired network ports Diagram(s) No. < >	 []	 []	 [X]	 [1]

P : pass – F : Fail – NA : not applicable – Rem : remark



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7.3 IMMUNITY STANDARD EN IEC 61000-6-1:2019

Article	TEST	TEST SPECIFICATION	RESULTS			
			P	F	NA	Rem
9	<u>Electrostatic discharges</u> Table 1 Enclosure Performance criteria B	Contact discharges Level : ± 4 kV Application points : • horizontal coupling plane • vertical coupling plane • metal case • screw				
			[X]	[]	[]	[3]
			[X]	[]	[]	[3]
			[X]	[]	[]	[3]
	Performance criteria B	Air discharges Level : ± 8 kV Application points : • enclosure • ports	[X] [X]	[] []	[] []	[3] [3]
9	<u>Radio-frequency electromagnetic fields 80 to 1000 MHz</u> Table 1 Enclosure Performance criteria A	Test field strength : 3 V/m (unmodulated signal) Modulation frequency : 1 kHz Modulation depth : 80 % Frequency Step : 1% Dwell Time : 3 s Logperiodic antenna : - horizontal position - vertical position				
			[X] [X]	[] []	[] []	[3] [3]
	<u>Radio-frequency electromagnetic fields 1400 to 6000 MHz</u> Performance criteria A	Test field strength : 3 V/m (unmodulated signal) Modulation frequency : 1 kHz Modulation depth : 80 % Frequency Step : 1% Dwell Time : 3 s Horn antenna : - horizontal position - vertical position	[X] [X]	[] []	[] []	[3] [3]

P : pass – F : Fail – NA : not applicable – Rem : remark



TEST REPORT N°: CNDQ-ESH-P23111603B

Article	TEST	TEST SPECIFICATION	RESULTS			
			P	F	NA	Rem
9	<u>Power Frequency Magnetic Field</u> Table 1 Enclosure Performance criteria A	Field frequency : 50/60 Hz Level : 3 A/m	[X]	[]	[]	[3]
9	<u>Fast transients/bursts</u> Table 3 Input and output DC power ports Performance criteria B	Level : ± 0.5 kV Rise time/hold time : 5/50 ns Repetition rate : 5 kHz Testing time : 2 min Port(s) : • DC power ports	[X]	[]	[]	[3]
	Table 2 Signal/control ports Performance criteria B	Level : ± 0.5 kV Rise time/hold time : 5/50 ns Repetition rate : 5 kHz Testing time : 2 min Port(s) : • Signal ports	[]	[]	[X]	[1]
9	<u>Injected current 0,15 to 80 MHz</u> Table 3 Input and output DC power ports Performance criterion A	Voltage level : 3 V (unmodulated signal) Modulation frequency : 1 kHz Frequency Step : 1% Dwell Time: 3 s Modulation depth : 80 % Application with CDN Port(s) : • DC power ports	[X]	[]	[]	[3]
	Table 2 Signal/control ports Performance criterion A	Voltage level : 3 V (unmodulated signal) Modulation frequency : 1 kHz Frequency Step : 1% Dwell Time: 3 s Modulation depth : 80 % Application with clamp Port(s) : • Signal ports	[]	[]	[X]	[1]



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Article	TEST	TEST SPECIFICATION	RESULTS			
			P	F	NA	Rem
9	<u>Surges</u> <u>Table 3</u> Input and output DC power ports Performance criterion B	Tr/Th(μ s) : 1.2/50 (8/20) Number of surges : 5 positive and 5 negative Level : $\pm$ 0.5 kV Port(s) : • power input, between lines and lines	[X]	[]	[]	[3]
	Performance criterion B	Level : $\pm$ 1 kV Port(s) : • power input, between lines and earth	[X]	[]	[]	[3]
	<u>Table 2</u> Signal/control ports Performance criterion B	Tr/Th(μ s) : 1.2/50 (8/20) Number of surges : 5 positive and 5 negative Level : $\pm$ 1 kV Port(s) : • Signal ports, between lines and earth	[]	[]	[X]	[1]
9	<u>Voltage dips and voltage interruptions</u> <u>Table 4</u> Alternative current power input port(s) Performance criterion C	<u>Voltage interruptions</u> Test level : 0 % $U_t \rightarrow$ 0 V Duration : 5 s Phase angles : 0° and 180° Port(s) : • AC mains	[]	[]	[X]	[2]
	<u>Table 4</u> Alternative current power input port(s) Performance criterion B	<u>Voltage dips</u> Test level : 0 % $U_t \rightarrow$ 0 V Duration : 10/20 ms Phase angles : 0° and 180° Port(s) : • AC mains	[]	[]	[X]	[2]
	<u>Table 4</u> Alternative current power input port(s) Performance criterion C	<u>Voltage dips</u> Test level : 70 % $U_t \rightarrow$ 161 V Duration : 500 ms Phase angles : 0° Port(s) : • AC mains	[]	[]	[X]	[2]

P : pass – F : Fail – NA : not applicable – Rem : remark



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7.4 IMMUNITY STANDARD EN IEC 61000-6-2:2019

Article	TEST	TEST SPECIFICATION	RESULTS			
			P	F	NA	Rem
9	<u>Electrostatic discharges</u> Table 1 Enclosure Performance criteria B	Contact discharges Level : ± 4 kV Application points : • horizontal coupling plane • vertical coupling plane • metal case • screw				
			[X]	[]	[]	[3]
			[X]	[]	[]	[3]
			[X]	[]	[]	[3]
	Performance criteria B	Air discharges Level : ± 8 kV Application points : • enclosure • ports	[X] [X]	[] []	[] []	[3] [3]
9	<u>Radio-frequency electromagnetic fields 80 to 1000 MHz</u> Table 1 Enclosure Performance criteria A	Test field strength : 10 V/m (unmodulated signal) Modulation frequency : 1 kHz Modulation depth : 80 % Frequency Step : 1% Dwell Time : 3 s Logperiodic antenna : - horizontal position - vertical position				
			[X] [X]	[] []	[] []	[3] [3]
	<u>Radio-frequency electromagnetic fields 1400 to 6000 MHz</u> Performance criteria A	Test field strength : 3 V/m (unmodulated signal) Modulation frequency : 1 kHz Modulation depth : 80 % Frequency Step : 1% Dwell Time : 3 s Horn antenna : - horizontal position - vertical position	[X] [X]	[] []	[] []	[3] [3]

P : pass – F : Fail – NA : not applicable – Rem : remark



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Article	TEST	TEST SPECIFICATION	RESULTS			
			P	F	NA	Rem
9	Power Frequency Magnetic Field Table 1 Enclosure Performance criteria A	Field frequency : 50/60 Hz Level : 30 A/m	[X]	[]	[]	[3]
9	Fast transients/bursts Table 3 Input and output DC power ports Performance criteria B	Level : ± 1 kV Rise time/hold time : 5/50 ns Repetition rate : 5 kHz Testing time : 2 min Port(s) : • DC power ports	[X]	[]	[]	[3]
	Table 2 Signal/control ports Performance criteria B	Level : ± 1 kV Rise time/hold time : 5/50 ns Repetition rate : 5 kHz Testing time : 2 min Port(s) : • Signal ports	[]	[]	[X]	[1]
9	Injected current 0,15 to 80 MHz Table 3 Input and output DC power ports Performance criterion A	Voltage level : 10 V (unmodulated signal) Modulation frequency : 1 kHz Frequency Step : 1% Dwell Time: 3 s Modulation depth : 80 % Application with CDN Port(s) : • DC input port	[X]	[]	[]	[3]
	Table 2 Signal/control ports Performance criterion A	Voltage level : 10 V (unmodulated signal) Modulation frequency : 1 kHz Frequency Step : 1% Dwell Time: 3 s Modulation depth : 80 % Application with clamp Port(s) : • Signal ports	[]	[]	[X]	[1]



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Article	TEST	TEST SPECIFICATION	RESULTS			
			P	F	NA	Rem
9	Surges Table 3 Input and output DC power ports Performance criterion B	Tr/Th(μ s) : 1.2/50 (8/20) Number of surges : 5 positive and 5 negative Level : $\pm$ 0.5 kV Port(s) : • power input, between lines and lines	[X]	[]	[]	[3]
	Performance criterion B	Level : $\pm$ 1 kV Port(s) : • power input, between lines and earth	[X]	[]	[]	[3]
	Table 2 Signal/control ports Performance criterion B	Tr/Th(μ s) : 1.2/50 (8/20) Number of surges : 5 positive and 5 negative Level : $\pm$ 1 kV Port(s) : Signal ports, between lines and earth	[]	[]	[X]	[1]
9	Voltage dips and voltage interruptions Table 4 Alternative current power input port(s) Performance criterion C	Voltage interruptions Test level : 0 % $U_t \rightarrow$ 0 V Duration : 5 s Phase angles : 0° and 180° Port(s) : • AC mains	[]	[]	[X]	[2]
	Table 4 Alternative current power input port(s) Performance criterion B	Voltage dips Test level : 0 % $U_t \rightarrow$ 0 V Duration : 10/20 ms Phase angles : 0° and 180° Port(s) : • AC mains	[]	[]	[X]	[2]
	Table 4 Alternative current power input port(s) Performance criterion C	Voltage dips Test level : 70 % $U_t \rightarrow$ 161 V Duration : 500 ms Phase angles : 0° Port(s) : • AC mains	[]	[]	[X]	[2]

P : pass – F : Fail – NA : not applicable – Rem : remark

Remark(s) :

- 1 : The cables whose total length according to the manufacturer's functional specification does not exceed 3 m.
- 2 : The EUT powered by DC.
- 3 : The EUT continue to operate as intended during and after the test.

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8 CONCLUSION

The apparatus Rechargeable Li-ion Battery and model SG-B5KW is in compliance with the requirements of the standards EN IEC 61000-6-3:2021, EN IEC 61000-6-4:2019, EN IEC 61000-6-1:2019, EN IEC 61000-6-2:2019.

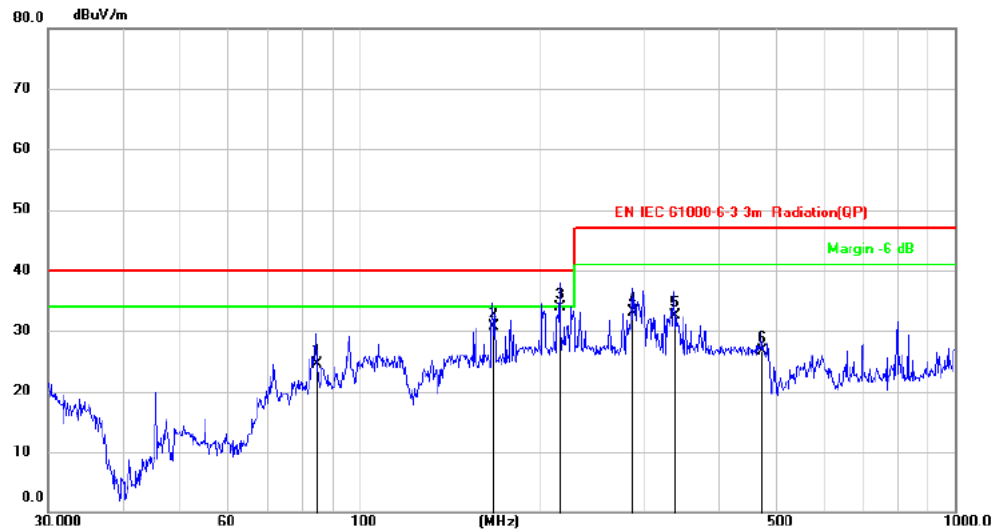
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Diagram No.1 Charging mode: H

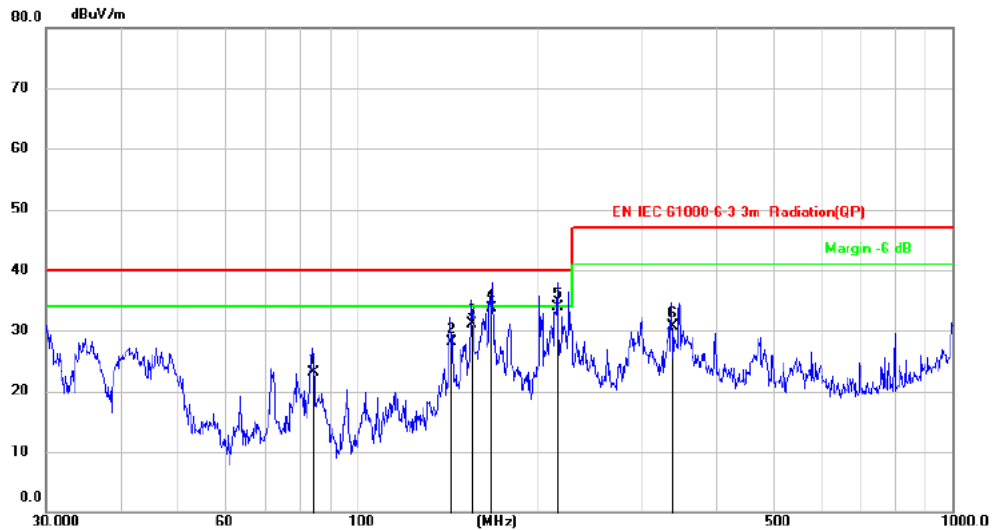


No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Antenna Height cm	Table Degree degree	Comment
1		84.4646	45.11	-20.67	24.44	40.00	-15.56	QP		
2		167.2954	51.56	-20.78	30.78	40.00	-9.22	QP		
3	*	216.9345	51.20	-17.24	33.96	40.00	-6.04	QP		
4		286.9823	48.10	-14.97	33.13	47.00	-13.87	QP		
5		337.6888	45.62	-13.06	32.56	47.00	-14.44	QP		
6		472.3416	36.82	-10.14	26.68	47.00	-20.32	QP		



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Continued
Charging mode: V

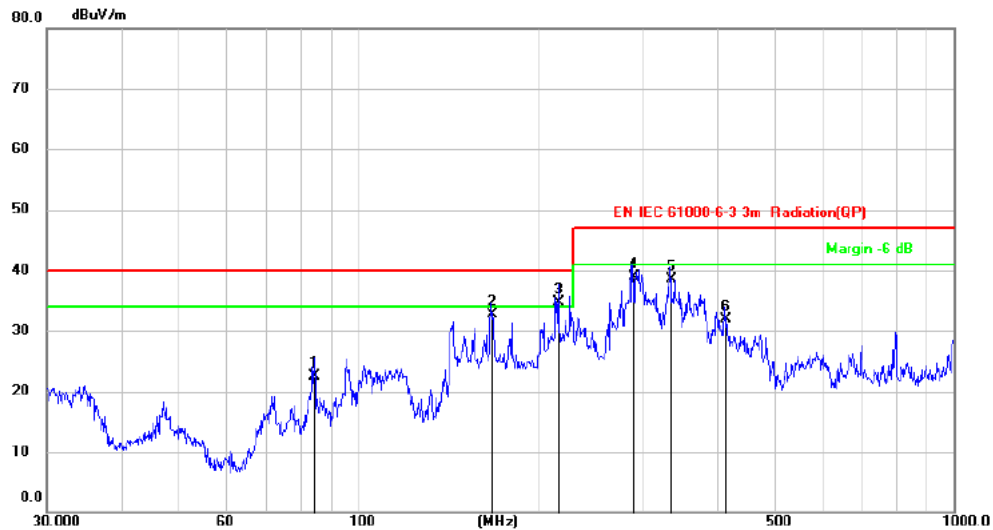


No. Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measure- ment (dBuV/m)	Limit (dBuV/m)	Over (dB)	Antenna Height cm	Table Degree	Comment
1	84.3757	43.79	-20.68	23.11	40.00	-16.89	QP		
2	143.7790	49.47	-21.33	28.14	40.00	-11.86	QP		
3	155.5278	52.36	-21.26	31.10	40.00	-8.90	QP		
4	167.5902	54.38	-20.75	33.63	40.00	-6.37	QP		
5 *	217.0109	51.19	-17.24	33.95	40.00	-6.05	QP		
6	337.8072	43.78	-13.05	30.73	47.00	-16.27	QP		



TEST REPORT N°: CNDQ-ESH-P23111603B

Continued
Discharging mode: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	cm	degree	Comment
1		84.4054	43.12	-20.68	22.44	40.00	-17.56	QP		
2		167.3540	53.55	-20.77	32.78	40.00	-7.22	QP		
3	*	217.1631	51.99	-17.23	34.76	40.00	-5.24	QP		
4		289.2047	53.88	-14.92	38.96	47.00	-8.04	QP		
5		334.7412	51.65	-13.19	38.46	47.00	-8.54	QP		
6		412.5466	42.60	-10.75	31.85	47.00	-15.15	QP		



TEST REPORT N°: CNDQ-ESH-P23111603B

Continued
Discharging mode: V



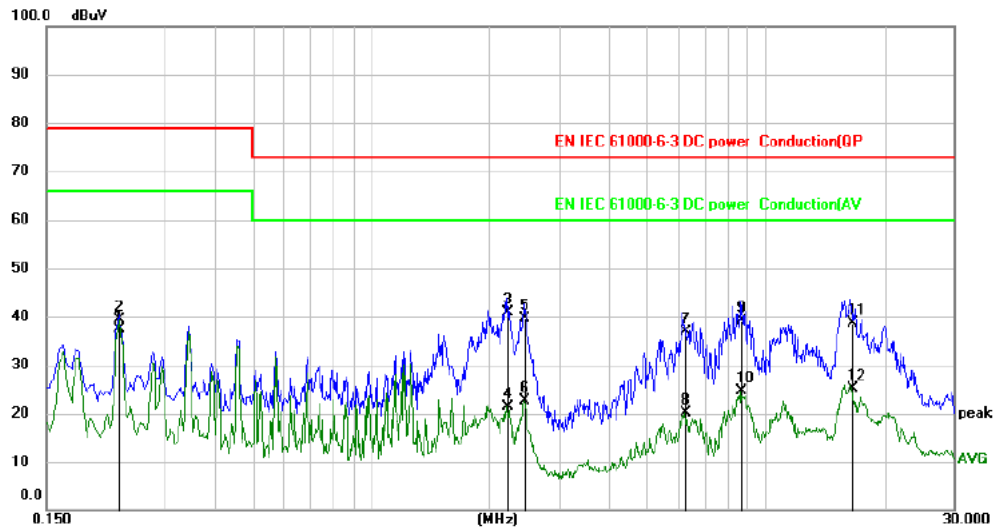
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	cm	degree	Comment
1		47.7924	42.12	-15.83	26.29	40.00	-13.71	QP		
2		156.7872	54.18	-21.22	32.96	40.00	-7.04	QP		
3	!	168.8275	55.10	-20.62	34.48	40.00	-5.52	QP		
4	*	215.2678	52.66	-17.32	35.34	40.00	-4.66	QP		
5		298.6867	47.60	-14.69	32.91	47.00	-14.09	QP		
6		472.5073	37.09	-10.15	26.94	47.00	-20.06	QP		



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Diagram No.2

Charging mode: Positive



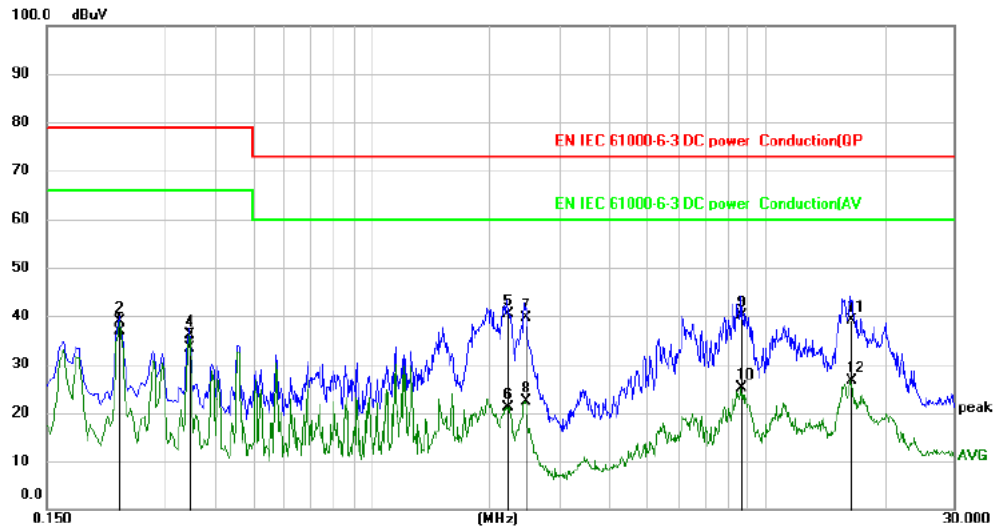
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV	dBuV	dB		
1		0.2300	26.40	11.03	37.43	79.00	-41.57	QP	
2	*	0.2300	28.45	11.03	39.48	66.00	-26.52	AVG	
3		2.2100	29.58	11.20	40.78	73.00	-32.22	QP	
4		2.2100	10.14	11.20	21.34	60.00	-38.66	AVG	
5		2.4460	28.31	11.25	39.56	73.00	-33.44	QP	
6		2.4460	11.35	11.25	22.60	60.00	-37.40	AVG	
7		6.2259	24.98	11.84	36.82	73.00	-36.18	QP	
8		6.2259	8.29	11.84	20.13	60.00	-39.87	AVG	
9		8.6617	26.92	12.27	39.19	73.00	-33.81	QP	
10		8.6617	12.33	12.27	24.60	60.00	-35.40	AVG	
11		16.4939	24.11	14.48	38.59	73.00	-34.41	QP	
12		16.4939	10.56	14.48	25.04	60.00	-34.96	AVG	



TEST REPORT N°: CNDQ-ESH-P23111603B

Continued

Charging mode: Negative

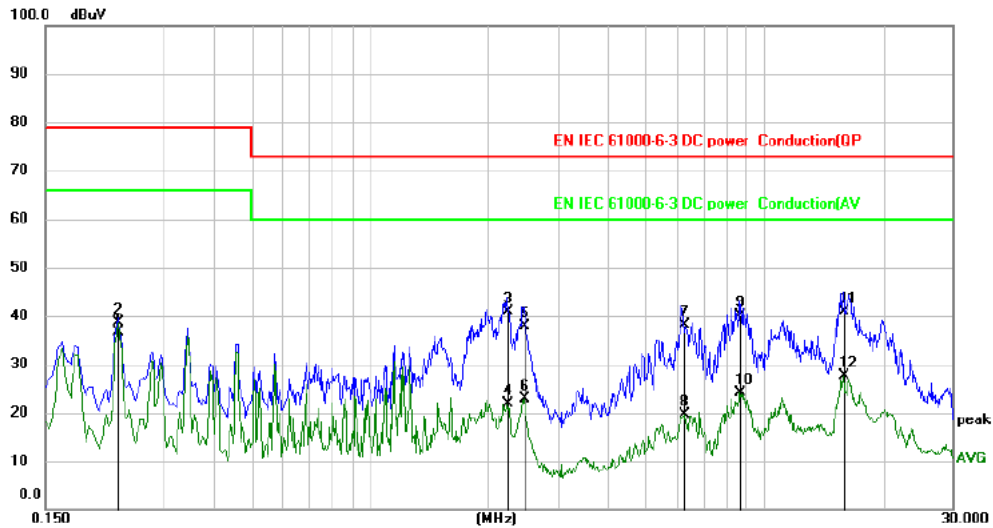


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2300	25.75	11.03	36.78	79.00	-42.22	QP	
2	*	0.2300	27.77	11.03	38.80	66.00	-27.20	AVG	
3		0.3458	22.27	11.00	33.27	79.00	-45.73	QP	
4		0.3458	25.05	11.00	36.05	66.00	-29.95	AVG	
5		2.2019	29.21	11.20	40.41	73.00	-32.59	QP	
6		2.2019	10.01	11.20	21.21	60.00	-38.79	AVG	
7		2.4539	28.26	11.25	39.51	73.00	-33.49	QP	
8		2.4539	11.06	11.25	22.31	60.00	-37.69	AVG	
9		8.6737	27.78	12.28	40.06	73.00	-32.94	QP	
10		8.6737	12.93	12.28	25.21	60.00	-34.79	AVG	
11		16.4618	24.66	14.48	39.14	73.00	-33.86	QP	
12		16.4618	12.22	14.48	26.70	60.00	-33.30	AVG	



TEST REPORT N°: CNDQ-ESH-P23111603B

Continued
Discharging mode: Positive

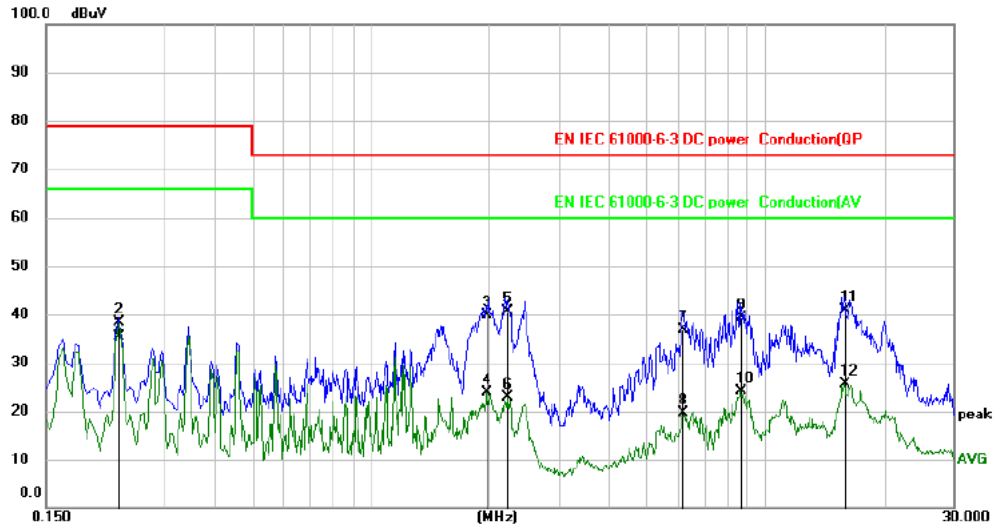


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.2300	25.57	11.04	36.61	79.00	-42.39	QP	
2 *	0.2300	27.60	11.04	38.64	66.00	-27.36	AVG	
3	2.2339	29.67	11.22	40.89	73.00	-32.11	QP	
4	2.2339	10.74	11.22	21.96	60.00	-38.04	AVG	
5	2.4500	26.67	11.28	37.95	73.00	-35.05	QP	
6	2.4500	11.62	11.28	22.90	60.00	-37.10	AVG	
7	6.2778	26.23	11.83	38.06	73.00	-34.94	QP	
8	6.2778	7.88	11.83	19.71	60.00	-40.29	AVG	
9	8.6618	27.95	12.29	40.24	73.00	-32.76	QP	
10	8.6618	11.93	12.29	24.22	60.00	-35.78	AVG	
11	15.8419	26.26	14.60	40.86	73.00	-32.14	QP	
12	15.8419	13.01	14.60	27.61	60.00	-32.39	AVG	



TEST REPORT N°: CNDQ-ESH-P23111603B

Continued
Discharging mode: Negative



No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.2300	24.41	11.03	35.44	79.00	-43.56	QP	
2 *	0.2300	27.46	11.03	38.49	66.00	-27.51	AVG	
3	1.9660	28.63	11.15	39.78	73.00	-33.22	QP	
4	1.9660	12.71	11.15	23.86	60.00	-36.14	AVG	
5	2.2180	29.35	11.20	40.55	73.00	-32.45	QP	
6	2.2180	11.58	11.20	22.78	60.00	-37.22	AVG	
7	6.1779	25.11	11.83	36.94	73.00	-36.06	QP	
8	6.1779	7.87	11.83	19.70	60.00	-40.30	AVG	
9	8.6580	27.03	12.27	39.30	73.00	-33.70	QP	
10	8.6580	11.79	12.27	24.06	60.00	-35.94	AVG	
11	15.8820	26.57	14.31	40.88	73.00	-32.12	QP	
12	15.8820	11.35	14.31	25.66	60.00	-34.34	AVG	

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