



Repubblica di San Marino
Autorità per l'Omologazione
Republic of San Marino
Authority for Homologation

Via Consiglio dei Sessanta, 99
47891 Dogana - Repubblica di San Marino

Comunicazione
Communication

	Concernente ^{2/} Concerning ^{2/}	Il rilascio dell'omologazione Approval granted L'estensione dell'omologazione Approval extended Il rifiuto dell'omologazione Approval refused La revoca dell'omologazione Approval withdrawn La cessazione definitiva della produzione Production definitively discontinued
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of a type of electrical/electronic sub-assembly ⁽²⁾ with regard to Regulation no. 10.

Omologazione N. <i>Approval No.</i>	E57*10R06/02*0938	Estensione N. <i>Extension No.</i>	00
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Marchio di omologazione <i>Approval mark</i>	 10R-06 0938
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1. Make (trade name of manufacturer): TOPBAND
2. Type and general commercial description(s): R-T12300B
- 2.1 Variants: R-T12300B-BS
3. Means of identification of type, if marked on the ~~vehicle/component/separate technical unit~~ ⁽²⁾ Printed on the product label by letters and digits
- 3.1 Location of that marking: Affixed on the front side of the battery case

4. Category of vehicle: N/A
5. Name and address of manufacturer: Shenzhen Topband Battery Co., Ltd.
East of 4 Floor, Plant 2, Topband Industrial Park,
Liyuan Industrial Zone, Langxin Community, Shiyan
Street, Bao'an District, Shenzhen, Guangdong Province,
P.R. China
6. In the case of components and separate technical units, location and method of affixing of the approval mark: Printed on the product label by letters and digits
7. Address(es) of assembly plant(s): Huizhou Topband Electrical Technology Co., Ltd
Building 5, No.1, Xingyun East Road, Dongxing Zone,
Dongjiang High-tech Industrial Park, Zhongkai Hith-tech
District, Huizhou, Guangdong Province, P. R. China
8. Additional information (where applicable): See appendix below
9. Technical Service responsible for carrying out the tests: **AUTOMOTIVE TECHNICAL SERVICE S.r.l.**
Via Consiglio dei Sessanta, 99
47891 - DOGANA Repubblica di San Marino
10. Date of test report: 13/09/2024
11. No. of test report: ATS-SM-IR-10-15294
12. Remarks (if any): See appendix below
13. Place: Dogana – Repubblica di San Marino
14. Date: 26/09/2024
15. Signature:  
- Ing. Marco Conti
Direttore Generale
General Director
16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.

17. Reasons for extension:

(2) Strike out what does not apply.

Appendix to type-approval communication form No. E57*10R06/02*0938*00
concerning the type-approval of an ~~electrical~~/electronic sub-assembly
under Regulation No. 10

1. Additional information:

- 1.1. Electrical system rated voltage: 12.8VDC, Negative ground
- 1.2. This ESA can be used on any vehicle type with the following restrictions: No restriction
- 1.2.1. Installation conditions, if any: N/A
- 1.3. This ESA can be used only on the following vehicle type: N/A
- 1.3.1. Installation conditions, if any: N/A
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): See Inspection Report no. ATS-SM-IR-10-15294
- 1.5. Laboratory accredited to ISO 17025 and recognised by the Approval Authority responsible for carrying out the tests: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room 101, Building A, No. 11, Jingye 3rd Street, Huangpu District, Guangzhou, Guangdong, China
2. Remarks: None

(2) *Strike out what does not apply.*

Allegato Enclosure				
Al certificato di omologazione ECE N. To ECE approval certificate No.		E57*10R06/02*0938*00		
Indice del fascicolo di omologazione Index to the information package				
Data Date of issue		26/09/2024	Data ultima modifica Last amendment date	--
1.	Clausole di garanzia e istruzioni sul diritto di presentare ricorso Collateral clauses and instruction on right to appeal			
2.	Rapporto(i) Finale di Ispezione No. Test report(s) No.	ATS-SM-IR-10-15294	Data Date	13/09/2024
3.	Scheda informativa N. Information document No.	R-T12300B.00	Data Date	12/09/2024
			Data ultima modifica Last amendment date	--



Clausole di garanzia e istruzioni sul diritto di presentare ricorso

Clausole di garanzia

La produzione in serie deve essere esattamente conforme ai documenti di omologazione. Le variazioni di produzione in serie sono consentite solo con il consenso espresso del **Autorità per l'Omologazione**.

Le variazioni del nome della società, l'indirizzo e lo stabilimento di produzione, nonché una delle parti che hanno l'autorità alla consegna o eventuali rappresentanti nominati al momento del rilascio dell'omologazione, devono essere immediatamente comunicate al **Autorità per l'Omologazione**. La violazione di queste regole può portare al ritiro dell'omologazione ed inoltre può essere legalmente perseguita.

L'omologazione decade se viene restituita o ritirata o se il tipo omologato non è più conforme ai requisiti di legge. La revoca può essere fatta se non esistono più i requisiti richiesti per il rilascio e la continuazione dell'omologazione, se il titolare dell'omologazione viola gli obblighi dettati dall'omologazione, anche nel caso in cui gli obblighi derivino dalle condizioni assegnate all'interno dell'omologazione, o se è accertato che il tipo approvato non è conforme ai requisiti di sicurezza del traffico e di tutela dell'ambiente.

L'**Autorità per l'Omologazione** può verificare la corretta applicazione della delega conferita rilasciata nella presente omologazione, in qualsiasi momento. In particolare, questo include la verifica della produzione, che sia conforme, nonché le misure di controllo di conformità della produzione. Per questo, possono essere presi dei campioni dalla produzione. I dipendenti o rappresentanti dell'**Autorità per l'Omologazione** possono avere accesso senza ostacoli agli impianti di produzione e stoccaggio.

La delega conferita contenuta nella presente omologazione non è trasferibile. I diritti del marchio di terzi non sono interessati da questa omologazione.

Istruzione su diritto di ricorso

Questa omologazione è appellabile entro un mese dalla notifica. Il ricorso deve essere presentato per iscritto o come una domanda inviata all' **Autorità per l'Omologazione** - Via Consiglio dei Sessanta, 99 - 47891 Dogana - Repubblica di San Marino.

Collateral clauses and instruction on right to appeal

Collateral clauses

*The individual production of serial fabrication must be in exact accordance with the approval documents. Changes in the individual production are only allowed with express consent of the **Authority for Homologation**.*

*Changes in the name of the company, the address and the manufacturing plant as well as one of the parties given the authority to delivery or authorized representative named when the approval was granted is to be immediately disclosed to the **Authority for Homologation**. Breach of this regulation can lead to recall of the approval and moreover can be legally prosecuted.*

The approval expires if it is returned or withdrawn or if the type approved no longer complies with the legal requirements. The revocation can be made if the demanded requirements for issuance and the continuance of the approval no longer exist, if the holder of the approval violates the duties involved in the approval, also to the extent that they result from the assigned conditions to this approval, or if it is determined that the approved type does not comply with the requirements of traffic safety or environmental protection.

*The **Authority for Homologation** may check the proper exercise of the conferred authority taken from this approval at any time. In particular this means the compliant production as well as the measures for conformity of production. For this purpose samples can be taken or have taken. The employees or the representatives of the **Authority for Homologation** may get unhindered access to the production and storage facilities.*

The conferred authority contained with issuance of this approval is not transferable. Trade mark rights of third parties are not affected with this approval.

Instruction on right to appeal

*This approval can be appealed within one month after notification. The appeal is to be filed in writing or as a transcript at the **Authority for Homologation** - Via Consiglio dei Sessanta, 99 - 47891 Dogana - Repubblica di San Marino.*

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024

Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

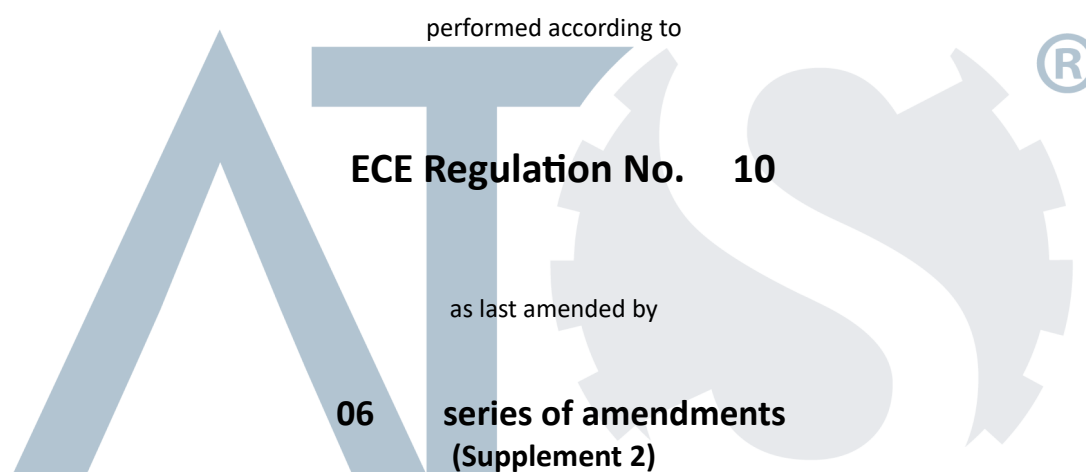


Inspection Report

No. ATS-SM-IR-10-15294

Inspection concerning ~~vehicles~~ / components with regard to:

Electromagnetic Compatibility (EMC) for M, N, O, L vehicle categories



of the Economic Commission for Europe

Approval status	
ECE	Number of approval
	E57*10R06/02*0938*00

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

0. General information

0.1. Make (trade name of manufacturer): TOPBAND

0.2. Type: R-T12300B

0.2.1. Variants: R-T12300B-BS

0.3. Name and address of manufacturer: Shenzhen Topband Battery Co., Ltd.
East of 4 Floor, Plant 2, Topband Industrial Park,
Liyuan Industrial Zone, Langxin Community,
Shiyan Street, Bao'an District, Shenzhen,
Guangdong Province, P.R. China

0.3.1. Name and address of manufacturer's authorized representative: N/A

0.3.2. Production plant(s) address(es): Huizhou Topband Electrical Technology Co., Ltd
Building 5, No.1, Xingyun East Road, Dongxing
Zone, Dongjiang High-tech Industrial Park,
Zhongkai Hith-tech District, Huizhou,
Guangdong Province, P. R. China

0.4. No. of the information document:
No. R-T12300B.00

Date of issue: 12/09/2024

Date of last change: --

0.5. Position of the approval mark: Affixed on the front side of the battery case

0.6. Vehicle category: N/A

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

1. Test Condition

1.1. Test sample: LiFePO4 Battery

1.2. Test procedures used: ECE R-10 REV06

1.3. Specimen submitted to test on: QGZ240724027.002

1.4. Place of test: Intertek Testing Services Shenzhen
Ltd. Guangzhou Branch Room 101, Building A,
No. 11, Jingye 3rd Street, Huangpu District,
Guangzhou, Guangdong, China

1.5. Date of test: 2024/08/12 – 2024/08/13



Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

2. Test records

2.1. Equipment for measuring and testing: See Appendix 4

2.2. Conformity with the technical sheet and attached drawings: SI / YES ☒ NO / NO ☐ NR / NA ☐

2.3 Test results

2.3.1 Broadband electromagnetic interference generated by ESAs

2.3.1.1 Method of measurement: Measured by the method described in Annex 7 of ECE Regulation No. 10.06

2.3.1.2 Results: Conform (Test data see Appendix 2)

2.3.2. Narrowband electromagnetic interference generated by ESAs

2.3.2.1. Method of measurement: Measured by the method described in Annex 8 of ECE Regulation No. 10.06

2.3.2.2. Results: Conform (Test data see Appendix 2)

2.3.3 Immunity of ESAs to electromagnetic radiation:

2.3.3.1. Method of measurement: Measured by the BCI test method and Absorber chamber test method described in Annex 9 of ECE Regulation No. 10.06

2.3.3.2. Performance criteria: No degradation of performance of "immunity related functions"

2.3.3.3. Results: Conform (Test data see Appendix 2)

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Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

2.3.4. Immunity of ESAs to transient disturbances

2.3.4.1. Method of measurement: Measured by the method described in Annex 10 of
ECE Regulation No. 10.06

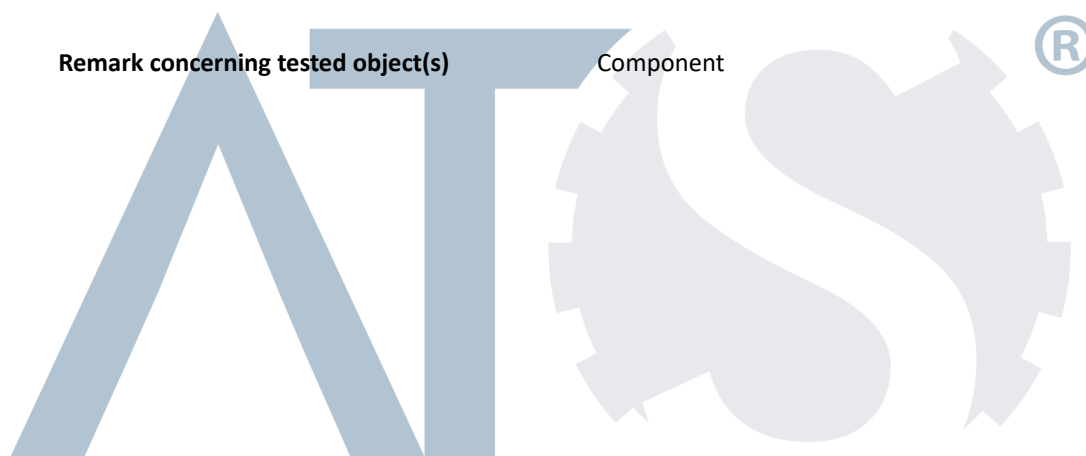
2.3.4.2. Results: Conform
(Test data see Appendix 2)

2.3.5. Emission of transient conducted disturbances
generated by ESAs

2.3.5.1. Method of measurement: Measured by the method described in Annex 10 of
ECE Regulation No. 10.06

2.3.5.2. Results: Conform
(Test data see Annex 2)

3. Remark concerning tested object(s) Component



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Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

6. Statement of conformity

The information document as given in paragraph 0.4 and the type described there are in compliance with the test specification mentioned above.

With regard to the required level of performance to be achieved, the tested items were representative for the type to be approved and cover all variants / versions described in the information folder

The tests were carried out in accordance with the relevant requirements of EN ISO/IEC 17025:2005 and EN ISO/IEC 17020 / R10-06 ECE/UN.

The tested object complies / ~~not complies~~ with the prescriptions of the R10-06 ECE/UN

The Inspection report comprises pages 1 to 23.

The test results relates only to the product tested.

I shall not be reproduced except in full, without written approval of the Technical Service.

Dogana, Repubblica di San Marino, 13/09/2024

Number of project and protocol	Originality Check (*)	Automotive Technical Service S.r.l. Inspector  (Ken Yan)	
	 ATS-SM-PR-15294	Automotive Technical Service S.r.l. Deputy Technical Director  Eng. Bogdan Nicolae Domnescu	

(*) To check the originality of documents, scan the QR Code or connect to the site <https://www.ats.sm/originality-control-atp-adr-tyapp/> and follow the instruction in it.

Of: 13/09/2024



Manufacturer: Shenzhen Topband Battery Co., Ltd.



Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024

Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.



Appendix 2

Test data

Applicable / Not Applicable

Appendix 2

1 Test object(s)

1.1. Commercial description:

TOPBAND

1.2. Type:

R-T12300B

1.2.1. Variants:

R-T12300B-BS

1.3. Technical data of the tested ESA type

12.8V/300Ah/3840Wh

1.3.1. Electrical system rated voltage:

DC 12.8V

1.3.2. This ESA can be used on any vehicle type with the following restrictions:

No restriction

1.3.3. Installation conditions:

N/A

1.3.4. This ESA can be used on the following vehicle types:

No restriction

1.3.5. Installation conditions

N/A

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

Test data

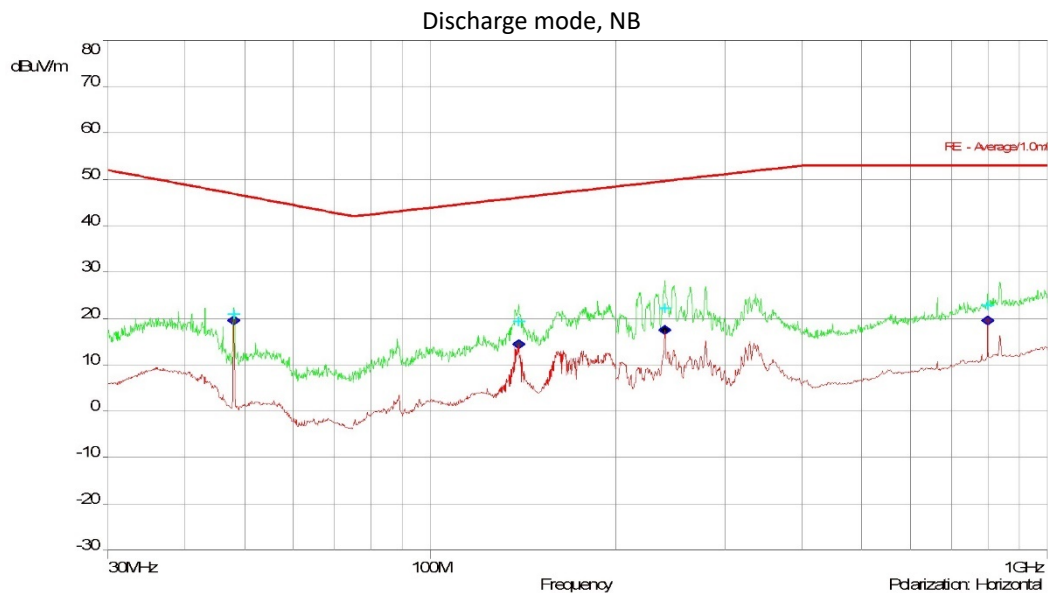
Appendix 2

Test results

1. Broadband / narrowband electromagnetic interference generated by ESAs

Radiated broadband electromagnetic Emissions	: as shown in table 1
Radiated narrow band electromagnetic Emissions	: as shown in table 2
Antenna position	: 1000mm from the center of harness
Rated voltage	: DC 12.8 V

Horizontal Polarity Test Result Diagram (Broadband and Narrow band)



Inspection Report No.: ATS-SM-IR-10-15294

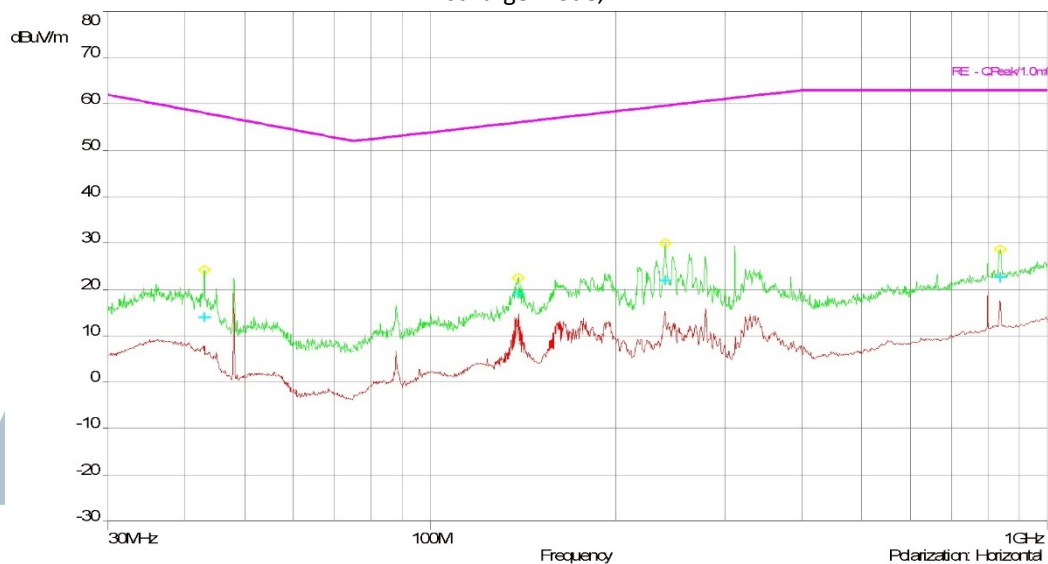
Of: 13/09/2024



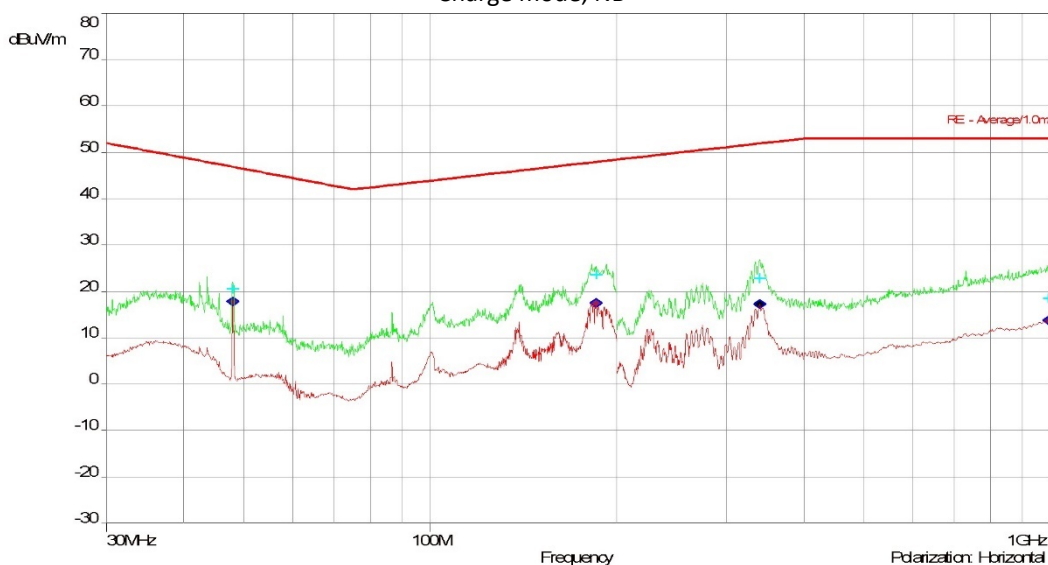
Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

Discharge mode, BB



Charge mode, NB



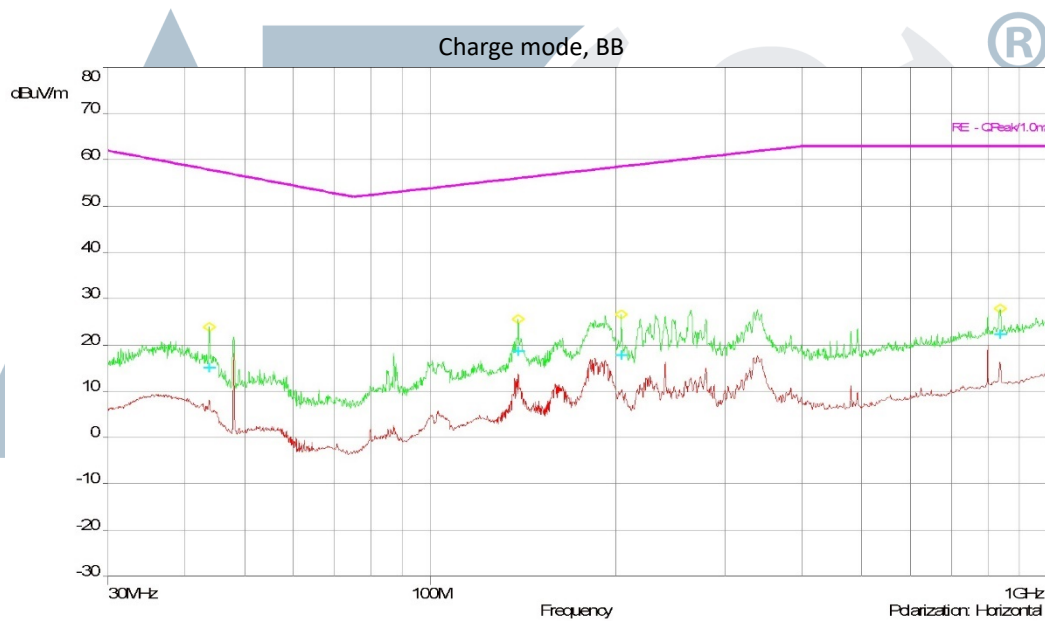
Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024

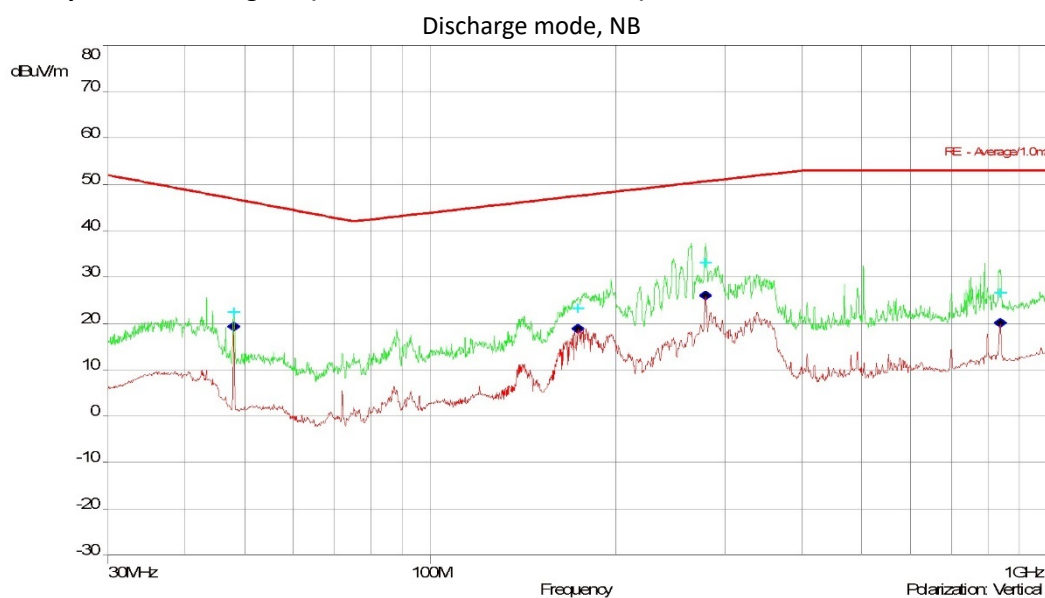


Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.



Vertical Polarity Test Result Diagram (Broadband and Narrow band)



Inspection Report No.: ATS-SM-IR-10-15294

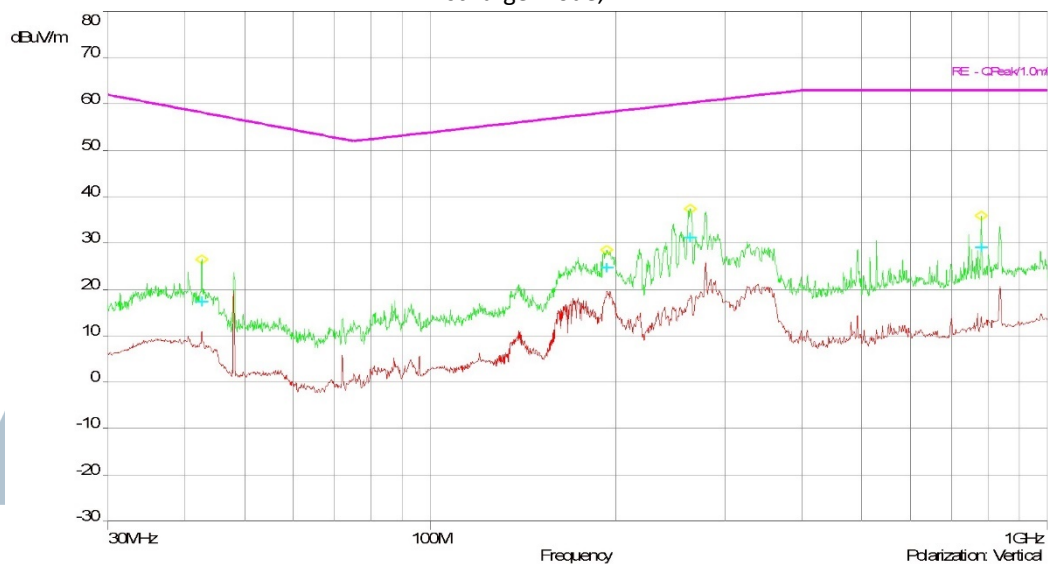
Of: 13/09/2024

Type: R-T12300B

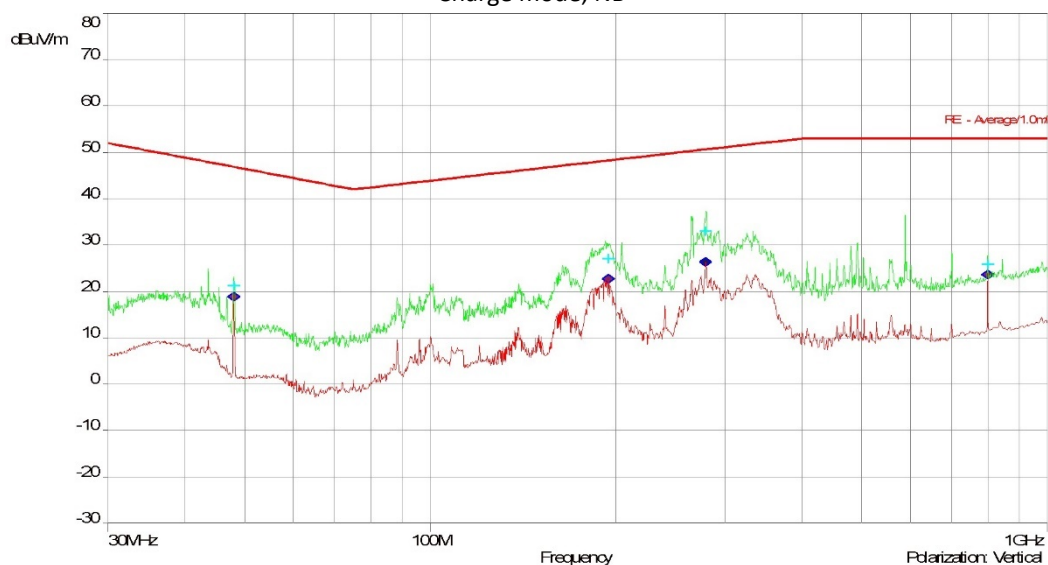
Manufacturer: Shenzhen Topband Battery Co., Ltd.



Discharge mode, BB



Charge mode, NB



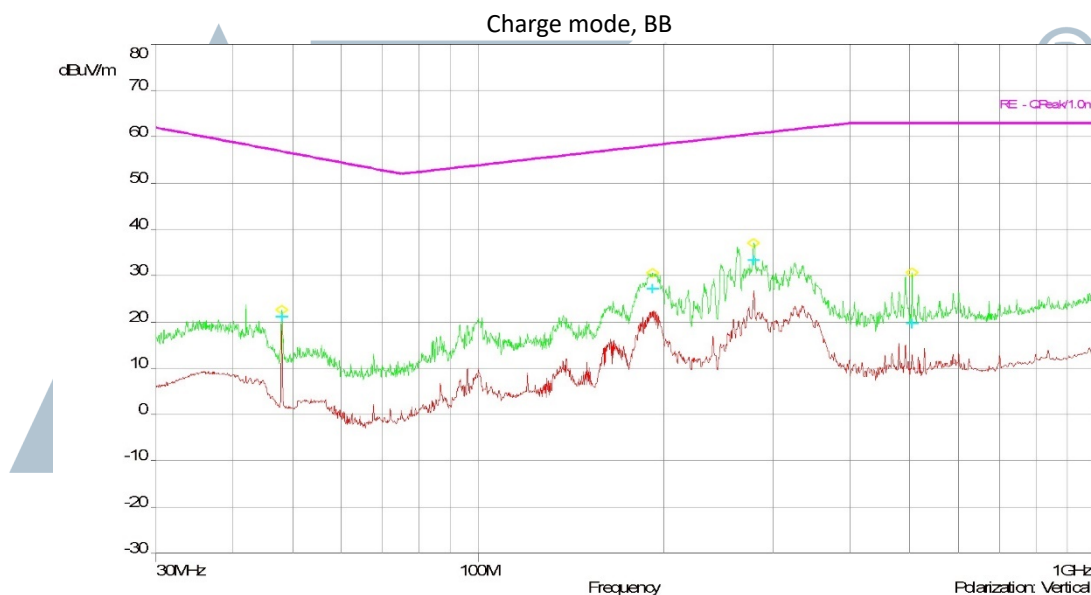
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Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.



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Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

Test data

Appendix 2

Maximum broadband QP value (Horizontal Polarity):



Discharge mode:

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Margin (dB)	Limit (dBuV/m)
43	13.99	100cm	Horizontal	44.08	58.07
138.85	19.12	100cm	Horizontal	36.92	56.05
240.15	21.98	100cm	Horizontal	37.66	59.65
837.75	22.62	100cm	Horizontal	40.38	63.00

Charge mode:

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Margin (dB)	Limit (dBuV/m)
43.8	15.15	100cm	Horizontal	42.72	57.87
138.75	18.65	100cm	Horizontal	37.39	56.04
203.75	17.85	100cm	Horizontal	40.71	58.57
837.9	22.25	100cm	Horizontal	40.75	63.00

Maximum broadband QP value (Vertical Polarity):

Discharge mode:

Frequency (MHz)	QuasiPeak (dB/m)	Height (cm)	Polarization	Margin (dB)	Limit (dB/m)
42.6	17.42	100cm	Vertical	40.75	58.17
192.9	24.62	100cm	Vertical	33.58	58.21
263.8	31.28	100cm	Vertical	28.98	60.26
780.65	29.05	100cm	Vertical	33.95	63.00

Charge mode:

Frequency (MHz)	QuasiPeak (dBuV/m)	Height (cm)	Polarization	Margin (dB)	Limit (dBuV/m)
48	21.20	100cm	Vertical	35.67	56.87
191.5	27.21	100cm	Vertical	30.95	58.16
279.35	33.28	100cm	Vertical	27.36	60.64
503.95	19.65	100cm	Vertical	43.35	63.00

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

Maximum narrowband AV value (Horizontal Polarity):

Discharge mode:

Frequency (MHz)	Average (dB/m)	Height (cm)	Polarization	Margin (dB)	Limit (dB/m)
48	19.59	100cm	Horizontal	27.28	46.87
138.95	14.45	100cm	Horizontal	31.60	46.05
240	17.56	100cm	Horizontal	32.08	49.64
800	19.60	100cm	Horizontal	33.40	53.00

Charge mode:

Frequency (MHz)	Average (dB/m)	Height (cm)	Polarization	Margin (dB)	Limit (dB/m)
48	17.82	100cm	Horizontal	29.05	46.87
184.9	17.52	100cm	Horizontal	30.41	47.93
339.6	17.25	100cm	Horizontal	34.68	51.92
993.3	13.75	100cm	Horizontal	39.25	53.00

Maximum narrowband AV value (Vertical Polarity):

Discharge mode:

Frequency (MHz)	Average (dB/m)	Height (cm)	Polarization	Margin (dB)	Limit (dB/m)
48	19.34	100cm	Vertical	27.53	46.87
173.3	18.84	100cm	Vertical	28.66	47.50
279.25	25.99	100cm	Vertical	24.65	50.64
838.3	20.13	100cm	Vertical	32.87	53.00

Charge mode:

Frequency (MHz)	Average (dB/m)	Height (cm)	Polarization	Margin (dB)	Limit (dB/m)
48	18.82	100cm	Vertical	28.05	46.87
194.1	22.71	100cm	Vertical	25.54	48.25
279.3	26.37	100cm	Vertical	24.27	50.64
800	23.61	100cm	Vertical	29.39	53.00

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

Test data

Appendix 2

2. Immunity of ESAs to electromagnetic radiation

Test method : BCI test method and Absorber chamber test method described in Annex 9 of ECE Regulation No. 10.06

Measurement result of BCI test method:

Discharge mode

Frequency range (MHz)	Test level	Type of modulation	Injection probe position	Result
20-400	60mA	AM by 1 kHz sine wave at 80 %	150mm from ESA connector	Conform

Charge mode

Frequency range (MHz)	Test level	Type of modulation	Injection probe position	Result
20-400	60mA	AM by 1 kHz sine wave at 80 %	150mm from ESA connector	Conform

Measurement result of Absorber chamber test method:

Discharge mode

Frequency range (MHz)	Test level	Type of modulation	Test distance	Antenna position	Result
400-800	30V/m	AM by 1 kHz sine wave at 80 %	1m	Vertical	Conform
800-1000	30V/m	PM with ton = 577 μ s and period = 4 600 μ s	1m	Vertical	Conform
1000-2000	30V/m	PM with ton = 577 μ s and period = 4 600 μ s	1m	Vertical	Conform

Charge mode

Frequency range (MHz)	Test level	Type of modulation	Test distance	Antenna position	Result
400-800	30V/m	AM by 1 kHz sine wave at 80 %	1m	Vertical	Conform
800-1000	30V/m	PM with ton = 577 μ s and period = 4 600 μ s	1m	Vertical	Conform
1000-2000	30V/m	PM with ton = 577 μ s and period = 4 600 μ s	1m	Vertical	Conform

Remark:

* no degradation of performance of 'immunity-related functions'.

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

3. Immunity of ESAs to transient disturbances

Test method : According to ISO 7637-2 as described in Annex 10 of ECE Regulation No. 10.06

Measurement result:
Charge mode

Test pulse	Test level	Number of pulse / test time	Burst cycle / pulse Repetition time	Required minimum function status*	Status of function true value (Charge mode)	Result
1	III	500 pulses	0.5s	C	B	Conform
2a	III	500 pulses	0.2s	B	A	Conform
2b	III	10 pulses	5s	C	B	Conform
3a	III	1 hour	100ms	A	A	Conform
3b	III	1 hour	100ms	A	A	Conform
4	III	1 pulses	10s	B	B	Conform

Remark:

* Class A: all functions of a device/system perform as designed during and after exposure to disturbance.

Class B: all functions of a device/system perform as designed during exposure. However, one or more of them can go beyond specified tolerance. All functions return automatically to within normal limits after exposure is removed. Memory functions shall remain class A.

Class C: one or more functions of a device/system do not perform as designed during exposure but return automatically to normal operation after exposure is removed.

Class D: one or more functions of a device/system do not perform as designed during exposure and do not return to normal operation until exposure is removed and the device/system is reset by simple "operator/use" action.

Class E: one or more functions of a device/system do not perform as designed during and after exposure and cannot be returned to proper operation without repairing or replacing the device/system.

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

Test data

Appendix 2

2. Emission of transient conducted disturbances generated by ESAs



Test method

According to ISO 7637-2 as described in Annex 10

Charge mode

Polarity of pulse amplitude	Maximum allowed value for vehicles with 12V systems	Measured Pulse amplitude True Value(Fast)	Measured Pulse amplitude True Value(Slow)
Positive	+75V	+13.2V	+0.6V
Negative	-100V	-35.2V	-16V

Inspection Report No.: ATS-SM-IR-10-15294

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Manufacturer: Shenzhen Topband Battery Co., Ltd.



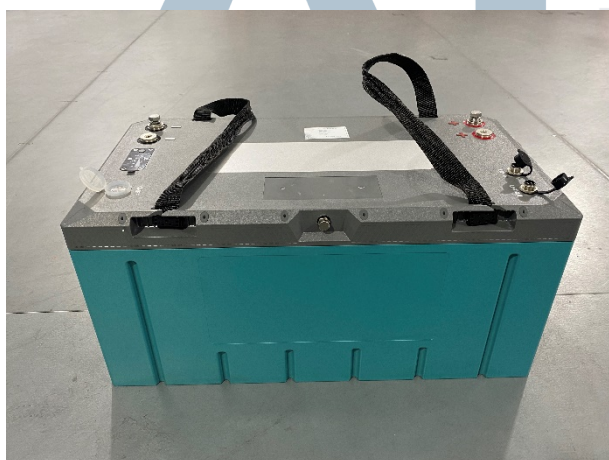
Appendix 3



Sample photos

Applicable / ~~Not Applicable~~

Appendix 3

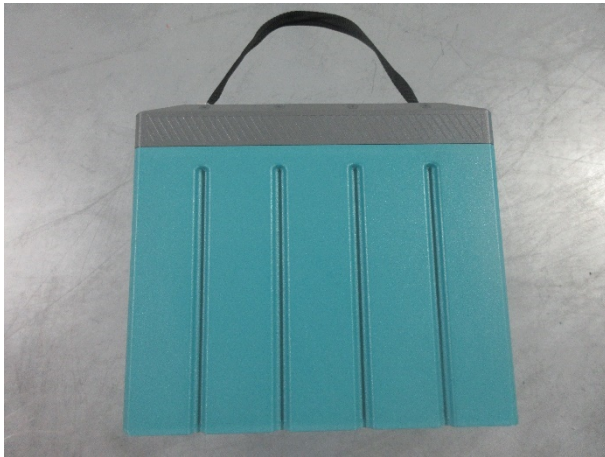


Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024

Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.



Inspection Report No.: ATS-SM-IR-10-15294

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Appendix 4



Appendix 4

List of main equipment

Applicable / Not Applicable

No.	Name	Type	Serial No.	Valid Until
1	Fast transient Generator	FT5531	2062	2025/03/25
2	Function Generator	FG5621	1325	2025/03/25
3	Micro Transient Generator	MT5511	1480	2025/03/25
4	R&S Broadband amplifier	BBA150-BC1000(80M-1G)	105865	2024/09/07
5	R&S Broadband amplifier	BBA150-D400(0.69G-3.2G)	105831	2024/09/07
6	Power Meter	N1912A Firmware: A2.06.01 2018.08.06	MY58160015	2025/08/01
7	3m semi-anechoic chamber (Shielding effectiveness)	ETS-Lindgren	5471	2025/4/29
	3m semi-anechoic chamber (Ground and Insulation resistance Withstanding voltage)			2029/4/27
8	Control Chamber (Shielding effectiveness)	ETS-Lindgren	1194	2025/4/29
	Control Chamber (Ground and Insulation resistance Withstanding voltage)			2029/4/27
9	Amplifier Chamber (Shielding effectiveness)	ETS-Lindgren	1193	2025/4/29
	Amplifier Chamber (Ground and Insulation resistance Withstanding voltage)			2029/4/27
10	EMI Test Receiver	R&S ESR7; Firmware: 2.27 SP2	101665	2025/05/12
11	Biconical Antenna	VBA6106A	34090	2025/03/17
12	Log-periodic Antenna	UPA6109	34091	2025/03/17
13	CISPR 25 semi-anechoic chamber	ETS-Lindgren	N/A	2026/03/07

Inspection Report No.: ATS-SM-IR-10-15294

Of: 13/09/2024



Type: R-T12300B

Manufacturer: Shenzhen Topband Battery Co., Ltd.

14	Signal Generator	N5171B;Firmware:2.02	MY53050687	2024/10/12
15	Power Meter	E4417A; Firmware: A2.05.04 2013.10.30	MY54256012	2024/10/12
16	Bulk current injection probe	F-140A-1	140674	2025/07/02
17	BCI Shielding Room (Shielding effectiveness)	ETS-Lindgren	N/A	2024/10/14
	BCI Shielding Room (Ground and Insulation resistance Withstanding voltage)			2026/3/7

All the instruments have been calibrated and are in the period of validity.