

TEST REPORT**ST/SG/AC.10/1/Rev.19 ANNEX Part 3.3****Recommendations on the
TRANSPORT OF DANGEROUS GOODS****Model Regulations**ANNEX: MODEL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS
Part 3: Dangerous Goods List and limited quantities exceptions

Report reference No. STR18019064S

Tested by (name+ signature)

Sam Li



Approved by (+ signature)

Davis Yang



Date of issue : Feb: 02, 2018

Testing laboratory : Shenzhen SEM.Test Technology Co., Ltd.

Address : 1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road, Bao'an District, Shenzhen, P.R.C (518101)

Testing location : As above

Applicant : Future Green Technology Co.,Ltd.

Address : Building B, Shangsheng Industry Park, Baiyun District, Guangzhou, China.

Manufacturer : Future Green Technology Co.,Ltd.

Address : Building B, Shangsheng Industry Park, Baiyun District, Guangzhou, China.

Standard..... : **ST/SG/AC.10/1/Rev.19 ANNEX Part 3.3**

Test procedure : Type approved

Procedure deviation : N.A.

Non-standard test method : N.A.

This test report is specially limited to the above client company and product model only, It may not be duplicated without prior written consent of SEM. Test.

Product Name : Lead acid battery

Trademark : FGET

Model/type reference : 12V7Ah

Ratings..... : 12V, 84Wh(7000mAh)



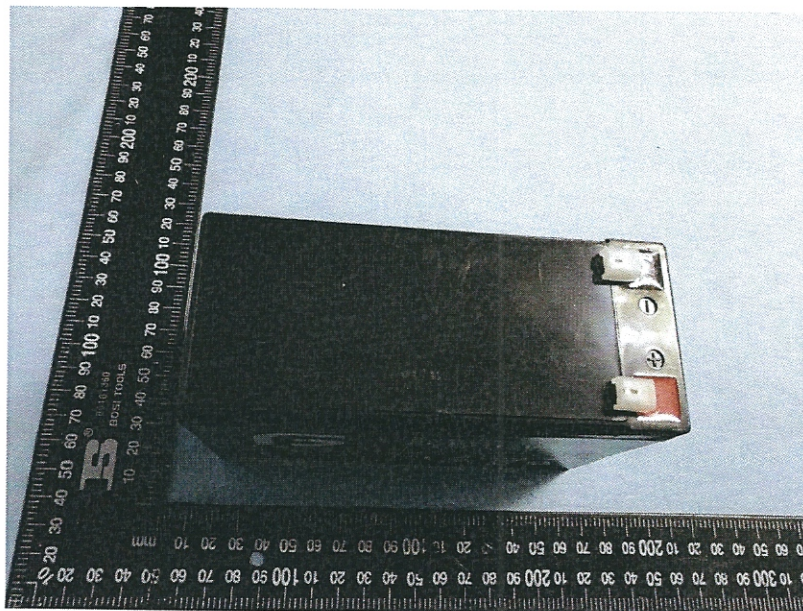
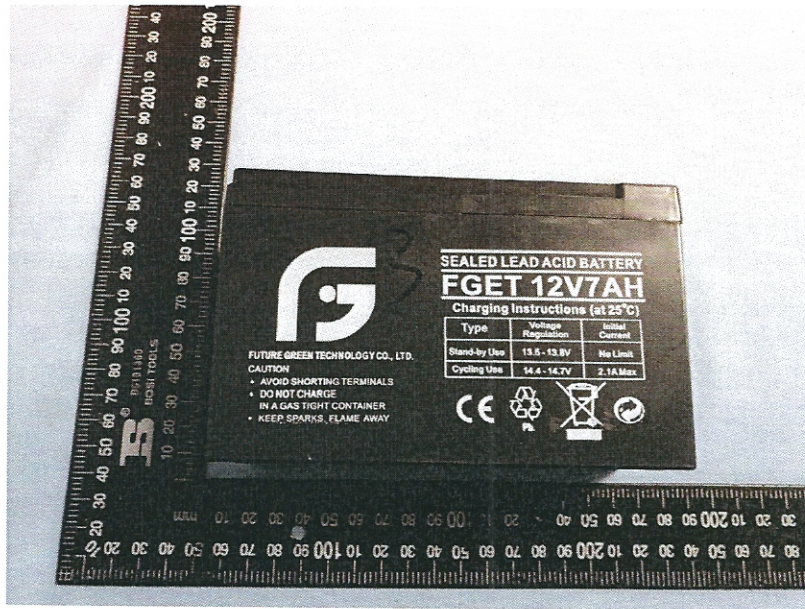
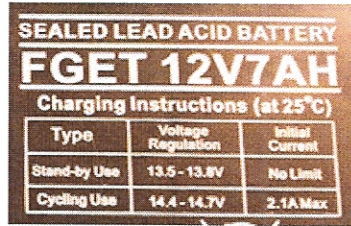


ST/SG/AC.10/1/Rev.19 ANNEX Part 3.3

Clause	Requirement – Test	Remark	Verdict
3.3.1.238(a)	Batteries can be considered as non-spillable provided that they are capable of withstanding the vibration and pressure differential tests given below, without leakage of battery fluid.		P
	Non-spillable type batteries which are an integral part of and necessary for the operation of mechanical or electronic equipment, shall be securely fastened in the battery holder on the equipment and protected in such a manner as to prevent damage and short circuits.		P
	Vibration test:		P
	The Battery is rigidly clamped to the platform of a vibration machine.		P
	A simple harmonic having an amplitude of 0.8mm (1.6 mm maximum total excursion) is applied.		P
	The frequency is varied at the rate of 1 Hz/min between the limits of 10 Hz and 55 Hz.		P
	The entire range of frequencies and return is traversed in 95 ± 5 minutes for each mounting position (direction of vibrations) of the battery.		P
	The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for equal time periods.		P
	Requirement	No leakage.	P
Sample No.	1#	2#	3#
Result	No leakage	No leakage	No leakage
	Pressure differential test:		P
	The battery is stored for six hours at 24°C ± 4°C while subjected to a pressure differential of at least 88 kPa.		P
	The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for at least six hours in each position.		P
	Requirement	No leakage.	P
Sample No.	1#	2#	3#
Result	No leakage	No leakage	No leakage
3.3.1.238(b)	Non-spillable batteries are not subject to these Regulations if		P
	at a temperature of 55°C, the electrolyte will not flow from a ruptured or cracked case and there is no free liquid to flow;		P
	when packaged for transport, the terminals are protected from short circuit.		P
Sample No.	1#	2#	3#
Result	No free liquid to flow	No free liquid to flow	No free liquid to flow

Photos

Model: 12V7Ah



SEM TEST

*** End of Report ***