

LITHIUM ION BATTERY SAFETY TESTING REPORT

Applicant:	C.T.I TRAFFIC INDUSTRIES CO., LTD 16, SHIN CHIEN STREET, KUAN TIEN DISTRICT, TAINAN CITY, TAIWAN
Product:	GREEN POWER
Model:	GP-001-12
Rating:	12 Vdc, 2500 mAh, 30 Wh
Test method & Criterion	UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Model Regulations(18th) special provisions 188
Appearance	Rectangular corrugated box (500 x 285 x 230 mm), containing 8 Lithium ion batteries.
Verification Issuing Office Name	AnTek Certification Inc. 7F., No. 351, Yangguang St., Neihu District, Taipei City, Taiwan
Test Performed Date:	Apr. 01, 2020
Test Items:	1.2m Drop test, Gross Weight Measure
Conclusion:	Pack drop test according to IATA packing instruction 965. The test package is capable of withstanding a 1.2m drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery to battery or cell to cell contact and without release of contents. The net weights of all the packs are about 4.8 kg. The gross weight of the package is about 6.9 kg.
Date of Issued:	Jun. 12, 2020
Comment:	Inner package: Carton and Foam

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Test Report

No	Name of Test Items	Standard requirement or The Clause Number of Standard	Test Result		Conclusion	Remark
1	1.2m Drop Test	UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Model Regulations(18th) special provisions 188	Surface Drop	The package is not cracked; the contents are not damaged and not shifted.	Pass	Proceeding the test with the surface of the bottom, surface of the top, surface of the long side, surface of the short side, edge and corner, the above six parts of the package.
			Edge Drop	The package is not cracked; the contents are not damaged and not shifted.		
			Corner Drop	The package is not cracked; the contents are not damaged and not shifted.		
2	Gross Weight Measure	UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Model Regulations(18th) special provisions 188	6.9 kg		Pass	--
Test Environment Condition		Ambient temperature: 21.1°C, Ambient Humidity: 54% R.H.				

Photographs

<Fig. #1>

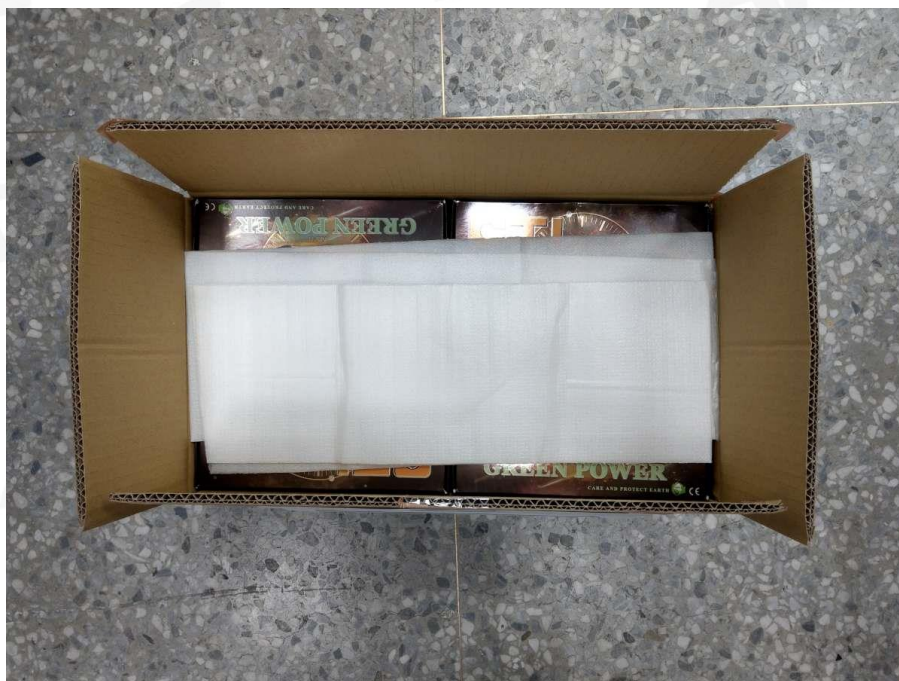


<Fig. #2>

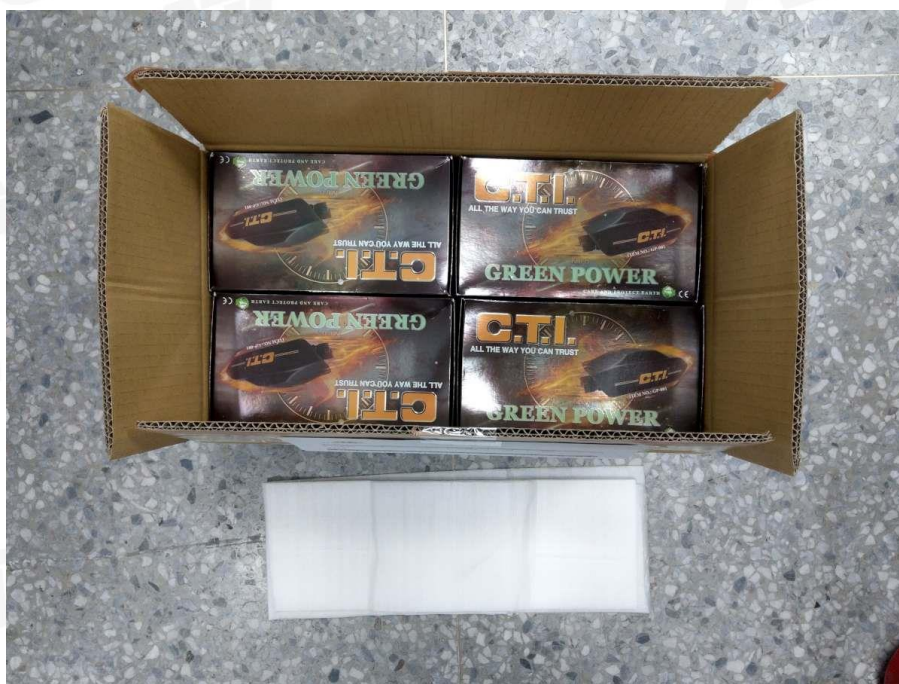


Photographs

<Fig. #3>



<Fig. #4>



Photographs

<Fig. #5>



<Fig. #6>



Photographs

<Fig. #7>

