



Master Contract: 306612

Report: 80122231

Project: 80122231

November 7, 2022

Mr. Tao Jiang

GoodWe Technologies Co., Ltd.  
No.90, Zijin Road, New District  
Suzhou, Jiangsu 215011  
China

Subject: Rechargeable Li-ion battery system model LX F19.2-30 (UL 9540A Test Report)

Dear Mr. Tao Jiang:

We are pleased to inform you that testing of your product per UL 9540A has been completed. Applicable test(s) was conducted on the sample you provided and the results are enclosed in the test report.

Note: This Test Report is not an Authorization to apply the CSA Mark to the product. The results contained in the report(s) provided are contingent upon the characteristics of the actual sample(s) used in the investigation. In the absence of a continuing inspection service, CSA provides no assurance, expressed or implied, that the contents of the report are applicable to reproductions of the sample(s). Use or reproduction of the CSA name, logo, or trademark is not permitted without the prior written consent of CSA. No references can be made to this report when using the results of this investigation for the purposes of advertising, promotion or litigation, without the prior written consent of CSA.

Please examine the enclosed documents and contact me if you have any questions or would like us to make any changes.

On behalf of CSA, I would like to thank you for your business and offer our services for your future needs.

Yours truly,

Giggle Pei

CSA –CCIC-CSA International Certification Co., Ltd. Kunshan Branch  
Building 8, Tsinghua Science Park, No. 1666 Zu chongzhi Rd (S), Kunshan, Jiangsu (215347)

Encl. [80122231-UL 9540A Checklist and Test Result]



## ORIGINAL TEST DATA

*The results relate only to the items tested.*

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Master Contract:	306612	Model:	LX F19.2-30	Page number 6 of 41
Project / Network:	80122231	Description:	Rechargeable Li-ion battery system	

Surface temperatures of modules within the target BESS units adjacent to the initiating BESS unit do not exceed the temperature at which thermally initiated cell venting occurs	Surface temperature didn't exceed cell venting temperature	P
For BESS units intended for installation in locations with combustible constructions, surface temperature measurements on wall surfaces do not exceed 97°C (175°F) of temperature rise above ambient	Max. temperature of wall surfaces: 27.5	P
Explosion hazards are not observed, including deflagration, detonation or accumulation (to within the flammability limits in an amount that can cause a deflagration) of battery vent gases	No explosion	P
The concentration of flammable gas does not exceed 25% LFL in air for the smallest specified room installation size.	Complied	P
<b>Summary of Result:</b>  A unit level test meet the applicable performance criteria noted above from section 9.8 of UL 9540A 4 <sup>th</sup> Edition is considered compliant.		

**Possible test case verdicts:**

- Test object does not apply to the test object: N/A
- Test object does meet the requirement: P (Pass)
- Test object does not meet the requirement: F (Fail)
- Test object waived based construction detail: W (Waived)