

Test Verification of Conformity

Verification Number: 220527027GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	Fortress Power LLC 2010 Cabot Blvd W Suite L, Langhorne, PA 19047, USA
Product Description:	Lithium battery
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	HV-14.68kwh, HV-19.58kwh, HV-24.48kwh, HV-29.37kwh
Brand Names:	Fortress Power
Specification<s>/Standards:	ANSI/CAN/UL 9540A:2019 Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems Unit level test (clause 9.1-9.8)
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch. Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	18 June 2023 to 19 June 2023
Test Report Number(s):	220527027GZU-001

Additional information in Appendix.

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 24 August 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220527027GZU—VOC001.

Ratings & Principle Characteristics:

Model	Avalon HV-14.68kwh	Avalon HV-19.58kwh	Avalon HV-24.48kwh	Avalon HV-29.37kwh
Rated energy (Wh):	14.68kWh	19.58kWh	24.48kWh	29.37kWh
Nominal voltage (V):	144V	192V	240V	288V
Weight(kg):	137kg	178kg	219kg	260kg
Module series and/or parallel configuration:	3S1P	4S1P	5S1P	6S1P
Total number of cells:	3*15*1	4*15*1	5*15*1	6*15*1
Standard charge method:				
Rate input voltage	50A			
Rate Frequency	52.5V*			
Standard discharge method:				
Discharge current (A):	50A			
End of discharge voltage (V):	39.75V*			
Rest time between charge and discharge	30min			
(*) represent one module's end of charge/discharge voltage.				

Jason Fu

Signature

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Position: Supervisor

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