


Test Verification of Conformity

Verification Number: 240802047GZU-VOC002

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:	eFlex Max DC energy storage system
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	eFlex Max DC energy storage system-5.4P1, eFlex Max DC energy storage system-10.8P2, eFlex Max DC energy storage system-16.2P3, eFlex Max DC energy storage system-21.6P4
Brand Names:	 (Fortress power LLC)
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 101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	09 September 2024 to 11 September 2024
Test Report Number(s):	240802047GZU-002

Additional information in Appendix.

Jason Fu

Signature

Name: Jason Fu
Position: Supervisor
Date: 12 November 2024

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240802047GZU-VOC002.

Ratings & Principle Characteristics:

Model	eFlex Max DC energy storage system-5.4P1	eFlex Max DC energy storage system-10.8P2	eFlex Max DC energy storage system-16.2P3	eFlex Max DC energy storage system-21.6P4
Rated capacity (Ah):	105	210	315	420
Rated energy (kWh):	5.376	10.752	16.128	21.504
Nominal voltage (V):	51.2	51.2	51.2	51.2
Weight(kg):	51	103	155	207
Module series and/or parallel configuration:	1S1P	1S2P	1S3P	1S4P
Standard charge method:				
Charge current (A):	50 A*			
End of charge voltage (V):	57.6 V			
Standard discharge method:				
Discharge current (A):	50 A*			
End of discharge voltage (V):	41.6 V			
Rest time between charge and discharge	30min			
(*) represent one module's charge/discharge current.				

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 12 November 2024

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