

Test Verification of Conformity

Verification Number: 251121040GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to 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:	Shenzhen Growatt New Energy Co., Ltd. 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China
Product Description:	Lithium Ion Battery System
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	AXE 50.0H-1HT-S1, AXE 55.0H-1HT-S1, AXE 60.0H-1HT-S1
Brand Names:	Growatt
Specification<s>/Standards:	ANSI/CAN/UL 9540A:2025 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. Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	14 January 2026 to 16 January 2026
Test Report Number(s):	251121040GZC-002, 28 January 2026
Additional information in Appendix.	

Jason Fu

Signature

Name: Jason Fu

Position: Manager

Date: 29 January 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251121040GZU-VOC001.

Ratings & Principle Characteristics:

Model:	AXE 50.0H-1HT-S1	AXE 55.0H-1HT-S1	AXE 60.0H-1HT-S1
Rated Capacity (Ah):	90	90	90
Nominal Capacity (Ah):	100	100	100
Rated energy (kWh):	45	49.5	54
Nominal energy (kWh):	50	55	60
Nominal voltage (V):	512	563.2	614.4
Weight(kg):	max. 900	max. 950	max. 1000
Dimensions	800mm*1167mm*2000mm	800mm*1167mm*2000mm	800mm*1167mm*2000mm
Module series and/or parallel configuration:	10S1P	11S1P	12S1P
Total number of cells:	160	176	192
Standard charge method:			
Charge current (A):	50	50	50
End of charge voltage (V):	576.0	633.6	691.2
Standard discharge method:			
Discharge current (A):	100	100	100
End of discharge voltage (V):	464.0	510.4	556.8

Jason Fu

Signature

Name: Jason Fu

Position: Manager

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