Test Verification of Conformity

Verification Number: 260325218GZU-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:	Guangzhou Felicity Solar Technology Co.,Ltd. (Airport Baiyun) No.2,4,6,8,10 and 12 Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, Guangdong, P.R. China.
Product Description:	Lithium iron phosphate battery
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	FLA48280-US
Brand Names:	Felicitysolar® Make life full of hope
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. Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	6 November 2024 to 8 November 2024
Test Report Number(s):	260325218GZU-001, 24 April 2026

Additional information in Appendix.

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 25 April 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 260325218GZU-VOC001.

Ratings & Principle Characteristics:

Model	FLA48280-US
Rated capacity (Ah):	280
Rated energy (kWh):	14.3
Nominal voltage (V):	51.2
Weight(kg):	135±2.0
Total number of cells:	16
Standard charge method:	
Charge current (A):	120
End of charge voltage (V):	57.6
End of charging current (A):	14
Standard discharge method:	
Discharge current (A):	120
End of discharge voltage (V):	44.8

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 25 April 2026

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