Test Verification of Conformity

Verification Number: 251204185GZU-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:	Sun Gold Power Inc 72 Fairbanks, Suite 100, Irvine CA 92618 USA
Product Description:	$LiFePO_4$ battery system
Ratings & Principle Characteristics:	See Unit information for detail.
Models/Type References:	See Unit information for detail.
Brand Names:	SUNGOLDPOWER
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. Building E, Guangdong Software Science Park, No. 7-2, Caipin Road, Science City – GETDD Guangzhou, Guangdong 510663, China
Date of Tests:	09-December-2025 to 11-December-2025
Test Report Number(s):	251204185GZC-001, 10 February 2026

Additional information in Appendix.

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 11 February 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204185GZU-VOC001.

Ratings & Principle Characteristics:

Model:	SG48200T	SG48400T	SG48600T
Rated Capacity (Ah):	200	400	600
Rated energy (kWh):	10.24	20.48	30.72
Nominal voltage (V):	51.2	51.2	51.2
Weight(kg):	96	192	288
Module series and/or parallel configuration:	1S1P	1S2P	1S3P
Total number of cells:	32	64	96
Standard charge method:			
Charge current (A):	140	280	420
End of charge voltage (V):	56	56	56
Standard discharge method:			
Discharge current (A):	200	400	600
End of discharge voltage (V):	44.8	44.8	44.8

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 11 February 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204185GZU-VOC001.

Ratings & Principle Characteristics:

Model:	SG48800T	SG481000T	SG481200T
Rated Capacity (Ah):	800	1000	1200
Rated energy (kWh):	40.96	51.2	61.44
Nominal voltage (V):	51.2	51.2	51.2
Weight(kg):	384	480	576
Module series and/or parallel configuration:	1S4P	1S5P	1S6P
Total number of cells:	128	160	192
Standard charge method:			
Charge current (A):	560	700	840
End of charge voltage (V):	56	56	56
Standard discharge method:			
Discharge current (A):	800	1000	1200
End of discharge voltage (V):	44.8	44.8	44.8

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 11 February 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204185GZU-VOC001.

Ratings & Principle Characteristics:

Model:	SG481400T	SG481600T	SG481800T
Rated Capacity (Ah):	1400	1600	1800
Rated energy (kWh):	71.68	81.92	92.16
Nominal voltage (V):	51.2	51.2	51.2
Weight(kg):	672	768	864
Module series and/or parallel configuration:	1S7P	1S8P	1S9P
Total number of cells:	224	256	288
Standard charge method:			
Charge current (A):	980	1120	1260
End of charge voltage (V):	56	56	56
Standard discharge method:			
Discharge current (A):	1400	1600	1800
End of discharge voltage (V):	44.8	44.8	44.8

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 11 February 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204185GZU-VOC001.

Ratings & Principle Characteristics:

Model:	SG482000T	SG482200T	SG482400T
Rated Capacity (Ah):	2000	2200	2400
Rated energy (kWh):	102.4	112.64	122.88
Nominal voltage (V):	51.2	51.2	51.2
Weight(kg):	960	1056	1152
Module series and/or parallel configuration:	1S10P	1S11P	1S12P
Total number of cells:	320	352	384
Standard charge method:			
Charge current (A):	1400	1540	1680
End of charge voltage (V):	56	56	56
Standard discharge method:			
Discharge current (A):	2000	2200	2400
End of discharge voltage (V):	44.8	44.8	44.8

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 11 February 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204185GZU-VOC001.

Ratings & Principle Characteristics:

Model:	SG482600T	SG482800T	SG483000T
Rated Capacity (Ah):	2600	2800	3000
Rated energy (kWh):	133.12	143.36	153.6
Nominal voltage (V):	51.2	51.2	51.2
Weight(kg):	1248	1344	1440
Module series and/or parallel configuration:	1S13P	1S14P	1S15P
Total number of cells:	416	448	480
Standard charge method:			
Charge current (A):	1820	1960	2100
End of charge voltage (V):	56	56	56
Standard discharge method:			
Discharge current (A):	2600	2800	3000
End of discharge voltage (V):	44.8	44.8	44.8

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 11 February 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204185GZU-VOC001.

Ratings & Principle Characteristics:

Model:	SG483200T	SG483400T	SG483600T
Rated Capacity (Ah):	3200	3400	3600
Rated energy (kWh):	163.84	174.08	184.32
Nominal voltage (V):	51.2	51.2	51.2
Weight(kg):	1536	1632	1728
Module series and/or parallel configuration:	1S16P	1S17P	1S18P
Total number of cells:	512	544	576
Standard charge method:			
Charge current (A):	2240	2380	2520
End of charge voltage (V):	56	56	56
Standard discharge method:			
Discharge current (A):	3200	3400	3600
End of discharge voltage (V):	44.8	44.8	44.8

Jason Fu

Signature

Name: Jason Fu
Position: Manager
Date: 11 February 2026

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