



Shenzhen Nore Testing Center Co.,Ltd.
South, No.1, Building 10, Maqueling Industrial Zone,
Nanshan Shenzhen, Guangdong, 518057, China
TEL: +86-755-33525266 Web: www.szntc-c.com



CERTIFICATE OF CONFORMITY

Electromagnetic Compatibility Directive 2014/30/EU

Certificate No.: SZNTC2408201EV00

Applicant : SHENZHEN GROWATT NEW ENERGY CO.,LTD.
Address : 4-13/F. Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao' an District, Shenzhen, China.

Manufacturer : SHENZHEN GROWATT NEW ENERGY CO.,LTD.
Address : 4-13/F. Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao' an District, Shenzhen, China.

Factory : Huizhou Growatt Smart Energy Co.,Ltd.
Address : NO.4-6 plant, No.5 Xingju west road, Dongjiang science and technology park, Dongxing area, Zhongkai High-tech zone, Guangdong, China.

E.U.T. : Grid-Hybrid Inverter

Brand Name : GROWATT

Model No. : SPH 10000TL-HU-US

Test Report No. : SZNTC2408201EV00

Standard : EN 62920:2017+A11:2020+A1:2021,
EN IEC 61000-6-4:2019,
EN IEC 61000-6-2:2019



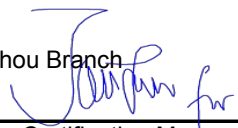
The certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU, in its latest amended version, referred to EMC Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo.

Remark: The CE Marking may be used only if all relevant and effective EC Directives are complied with.

AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant:	Shenzhen Growatt New Energy Co., Ltd	Manufacturer:	Guangdong Growatt New Energy Co., Ltd.
Address:	4-13/F, Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen	Address:	Growatt Industrial Park, No.17 Pingheng Road Pingtan Town, Huiyang District, HUIZHOU, Guangdong 516259
Country:	CHINA	Country:	CHINA
Party Authorized To Apply Mark:	Same as Manufacturer		
Report Issuing Office:	Intertek Testing Services Shenzhen Limited Guangzhou Branch		
Control Number:	4003184	Authorized by:	 for L. Matthew Snyder, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s): Energy Storage Systems and Equipment [ANSI/CAN/UL 9540:2023 Ed.3]	
Product: Energy Storage Systems	
Brand Name: GROWATT	
Models:	SPH ALP ESS US [10kW, 5kWh], SPH ALP ESS US [10kW, 10kWh], SPH ALP ESS US [10kW, 15kWh], SPH ALP ESS US [10kW, 20kWh], SPH ALP ESS US [10kW, 25kWh], SPH ALP ESS US [10kW, 30kWh], SPH ALP ESS US [10kW, 35kWh], SPH ALP ESS US [10kW, 40kWh], SPH(B) ALP ESS US [10kW, 5kWh], SPH(B) ALP ESS US [10kW, 10kWh], SPH(B) ALP ESS US [10kW, 15kWh], SPH(B) ALP ESS US [10kW, 20kWh], SPH(B) ALP ESS US [10kW, 25kWh], SPH(B) ALP ESS US [10kW, 30kWh], SPH(B) ALP ESS US [10kW, 35kWh], SPH(B) ALP ESS US [10kW, 40kWh], SPH(B) ALP ESS US [8kW, 5kWh], SPH(B) ALP ESS US [8kW, 10kWh], SPH(B) ALP ESS US [8kW, 15kWh], SPH(B) ALP ESS US [8kW, 20kWh], SPH(B) ALP ESS US [8kW, 25kWh], SPH(B) ALP ESS US [8kW, 30kWh], SPH(B) ALP ESS US [8kW, 35kWh], SPH(B) ALP ESS US [8kW, 40kWh]

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Applicant:	Shenzhen Growatt New Energy Co., Ltd	Manufacturer:	GROWATT VIETNAM NEW ENERGY Co., Ltd.
Address:	4-13/F, Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen	Address:	Block A, Lot CN4-01, Non-tariff zone and Nam Dinh Vu Industrial park (Area 1) belongs Dinh Vu – Cat Hai economic zone, Dong Hai 2 Ward, Hai An District, Hai Phong
Country:	CHINA	Country:	VIETNAM
Party Authorized To Apply Mark:	Same as Manufacturer		
Report Issuing Office:	Intertek Testing Services Shenzhen Limited Guangzhou Branch		
Control Number:	4003184	Authorized by:	 for L. Matthew Snyder, Certification Manager



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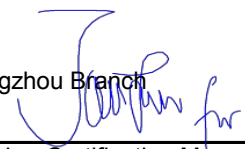
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Country:	CHINA	Country:	CHINA
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Report Issuing Office:	Intertek Testing Services Shenzhen Limited Guangzhou Branch		
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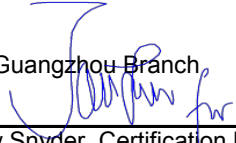
Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

	<p>Grid Support Utility Interactive Inverters and Converters Based Upon IEEE 1547:2018 & IEEE 1547.1:2020 - Supplement SB to UL 1741:2021 Ed.3 - Inverters, Converters, Controllers and Interconnection System Equipment for use with Distributed Energy Resources [UL 1741:2021 Ed.3 (Supplement SB)]</p> <p>Inverters, Converters, Controllers and Interconnection System Equipment for use with Distributed Energy Resources [UL 1741:2021 Ed.3+R:19May2023]</p> <p>Power Conversion Equipment [CSA C22.2#107.1:2016 Ed.4+U1]</p> <p>Standard(s): IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces [IEEE 1547:2018]</p> <p>IEEE Standard Conformance Test Procedures for Equipment Interconnecting Distributed Energy Resources with Electric Power Systems and Associated Interfaces [IEEE 1547.1:2020]</p> <p>Hawaiian Electric IEEE 1547.1-2020 Standard Source Requirements Document Version 2.0 [HECO SRD-IEEE-1547.1:2020 Ed.2.0]</p> <p>Grid Support Utility Interactive Equipment - Supplement SA to UL 1741:2021 Ed.3 - Inverters, Converters, Controllers and Interconnection System Equipment for use with Distributed Energy Resources [UL 1741:2021 Ed.3 (Supplement SA)]</p>
Product:	Grid Support Hybrid inverter
Brand Name:	GROWATT
Models:	SPH 10000TL-HU-US, SPH 10000TL-HU-US(B), SPH 8000TL-HU-US(B)

AUTHORIZATION TO MARK

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Address:	4-13/F, Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen	Address:	Block A, Lot CN4-01, Non-tariff zone and Nam Dinh Vu Industrial park (Area 1) belongs Dinh Vu – Cat Hai economic zone, Dong Hai 2 Ward, Hai An District, Hai Phong City
Country:	CHINA	Country:	Vietnam
Party Authorized To Apply Mark:	Same as Manufacturer		
Report Issuing Office:	Intertek Testing Services Shenzhen Limited Guangzhou Branch		
Control Number:	<u>4003184</u>	Authorized by:	 for L. Matthew Snyder, Certification Manager



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Product:	Grid Support Hybrid inverter
Brand Name:	GROWATT
Models:	SPH 10000TL-HU-US, SPH 10000TL-HU-US(B), SPH 8000TL-HU-US(B)



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CERTIFICATE OF CONFORMITY

Low Voltage Directive 2014/35/EU

Certificate No.: SZNTC2408202SV00

Applicant : SHENZHEN GROWATT NEW ENERGY CO.,LTD.
Address : 4-13/F. Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China.

Manufacturer : SHENZHEN GROWATT NEW ENERGY CO.,LTD.
Address : 4-13/F. Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China.

Factory : Huizhou Growatt Smart Energy Co.,Ltd.
Address : NO.4-6 plant, No.5 Xingju west road, Dongjiang science and technology park, Dongxing area, Zhongkai High-tech zone, Guangdong, China.

Product Name : Grid-Hybrid Inverter

Brand Name : GROWATT

Identification : Model No. : SPH 10000TL-HU-US
Rating : Refer to test report

Test Report No. : SZNTC2408202SV00

Standard : EN 62109-1: 2010
EN 62109-2: 2011



November 01, 2024

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/35/EU, referred to the Low Voltage Directive. The certificate does not imply assessment of the production and does not permit the use of Lab's logo.

Remark: The CE Marking may be used only if all relevant and effective EC Directives are complied with.



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TEL: +86-755-33525266 Web: www.szntc-c.com



CERTIFICATE OF CONFORMITY

This device is in conformance with 47 CFR Part 15 of the FCC Rules.

Certificate No.: SZNTC2411126FV00

Applicant : SHENZHEN GROWATT NEW ENERGY CO.,LTD.
Address : 4-13/F. Building A, Sino-German(Europe) Industrial Park,
Hangcheng Ave, Bao'an District, Shenzhen, China.

Manufacturer : SHENZHEN GROWATT NEW ENERGY CO.,LTD.
Address : 4-13/F. Building A, Sino-German(Europe) Industrial Park,
Hangcheng Ave, Bao'an District, Shenzhen, China.

Factory : Huizhou Growatt Smart Energy Co.,Ltd.
Address : NO.4-6 plant, No.5 Xingju west road, Dongjiang science and
technology park, Dongxing area, Zhongkai High-tech zone,
Guangdong, China.

Product Name : Grid-Hybrid Inverter

Brand Name : GROWATT

Model No. : SPH 10000TL-HU-US(B), SPH 8000TL-HU-US(B)

Test Report No. : SZNTC2411126FV00

Standard : FCC 47 CFR Part15, Subpart B:2024



This certificate of conformity is based on an evaluation of a sample of the above mentioned product. The certificate and test report can be used for demonstration of technical compliance with FCC Equipment Authorization Procedure-Supplier's Declaration of Conformity (SDoC, 47 CFR PART 2 section §2.906). The certificate does not imply assessment of the production and does not permit the use of Lab's logo.

Nore
Testing Center