

Test Verification of Conformity

Verification Number: VOC181016129GZU-001/002

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name &

Shenzhen Growatt New Energy Technology Co.,Ltd

Address:

1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28, GuangHui Road, LongTeng Community, Shiyan Street, Baoan District,

Shenzhen, P.R.China

Product Description:

Hybrid inverter / AC Coupled inverter

Models/Type References:

SPH 4000TL3 BH, SPH 5000TL3 BH, SPH 6000TL3 BH, SPH 7000TL3 BH, SPH 8000TL3 BH, SPH 10000TL3 BH SPA 4000TL3 BH, SPA 5000TL3 BH, SPA 6000TL3 BH, SPA 7000TL3 BH, SPA 8000TL3 BH, SPA 10000TL3 BH

Ratings & Principle

Characteristics:

See Appendix

Brand Name(s): Growatt

Standard(s)/Directive(s):

EN 61000-6-3:2007+A1: 2011

EN 61000-6-1:2007

EN 61000-6-4:2007+A1:2011

EN 61000-6-2:2005

EMC Directive 2014/30/EU

Verification Issuing Office

Name & Address:

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road,

block E, No.7-2 Guarig Dorig Software Science Park, Calpin Road

Guangzhou Science City, GETDD Guangzhou, China

Test Report Number(s): 181016129GZU-001/002

Additional information in Appendix.

Signature

Name: Strong Yao Position: Manager

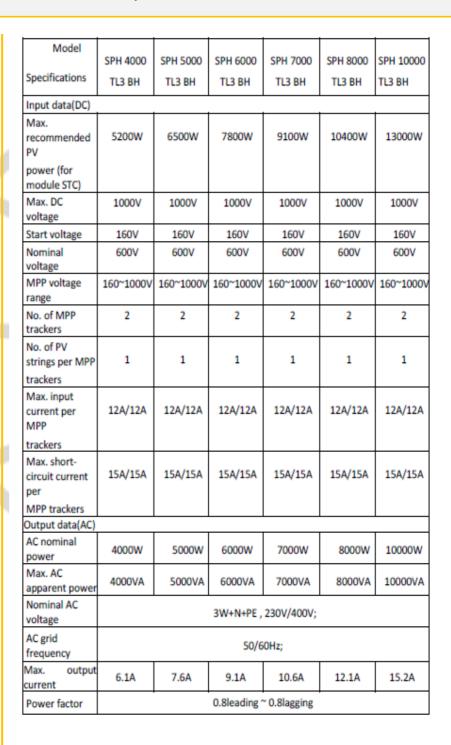
Date: 07 September 2019



APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: VOC181016129GZU-001/002

Ratings & Principle Characteristics:





	ower)									
AC nominal output power	4000W	5000W	6000W	7000W	8000W	10000W				
Max. AC apparent power	4000VA	5000 VA	6000 VA	7000 VA	8000 VA	10000 V				
Nominal AC voltage	3W+N+PE , 230V/400V;									
Nominal AC frequency	50/60Hz									
Max. output current	6.1A	7.6A	9.1A	10.6A	12.1A	15.2A				
Battery data (DC)									
Battery voltage range	160~550V									
Max. charging / discharging current	25A									
Continuous charging / discharging power	4000W	5000W	6000W	7000W	8000W	10000W				
Type of battery	lithium battery / Lead-acid battery									
Capacity of battery	5~50kWh									
Others										
Technology	Transformerless									
Protection degree	IP 65									
Operating temperature range	-25 °C \sim +60 °C With derating above 45 °C									
Pollution degree	III									
Protective Class			Cla	1						



Model									
	SPA 4000	SPA 5000	SPA 6000	SPA 7000	SPA 8000	SPA 10000			
Specifications	TL3 BH	TL3 BH	TL3 BH	TL3 BH	TL3 BH	TL3 BH			
Output data(AC)									
AC nominal power	4000W	5000W	6000W	7000W	8000W	10000W			
Max. AC apparent power	4000VA	5000VA	6000VA	7000VA	8000VA	10000VA			
Nominal AC voltage	3W+N+PE , 230V/400V;								
AC grid frequency	50/60Hz;								
Max. output current	6.1A	7.6A	9.1A	10.6A	12.1A	15.2A			
Power factor	0.8leading ~ 0.8lagging								
Stand alone(AC power)								
AC nominal output power	4000W	5000W	6000W	7000W	8000W	10000W			
Max. AC apparent power	4000VA	5000 VA	6000 VA	7000 VA	8000 VA	10000 VA			
Nominal AC voltage	3W+N+PE , 230V/400V;								
Nominal AC frequency	50/60Hz								
Max. output current	6.1A	7.6A	9.1A	10.6A	12.1A	15.2A			
Battery data (DC)									
Battery voltage range	160~550V								
Max. charging / discharging current	25A								
Type of battery	lithium battery / Lead-acid battery								
Capacity of battery	5~50kWh								
Others									
Technology	Transformerless								
Protection degree	IP 65								
Operating temperature range	−25 °C ~ +60 °C With derating above 45 °C								
Pollution degree	III								
Protective Class	Class I								

Signature

Name: Strong Yao Position: Manager

Date: 07 September 2019