

# Test Verification of Conformity

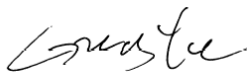
Verification Number: 180605123GZU-001

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 **CE** mark directives are verified, including any 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 & Address:	SHENZHEN GROWATT NEW ENERGY TECHNOLOGY CO., LTD 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:	AC Coupled inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SPA 1000TL BL, SPA 2000TL BL, SPA 3000TL BL
Brand Name(s):	
Standard(s)/Directive(s):	See Appendix: Test Verification of Conformity
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
Test Report Number(s):	180605123GZU-001, 180605123GZU-002

Additional information in Appendix



**Signature**

**Name: Grady Ye**

**Position: Manager**

**Date: 10 Oct 2018**

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 180605123GZU-001

Ratings & Principle Characteristics:

Model	SPA 1000TL BL	SPA 2000TL BL	SPA 3000TL BL
AC output/input data			
Nominal Power	1000W	2000W	3000W
Max. Apparent Power	1000VA	2000VA	3000VA
Nominal Voltage	230Vac		
Max. Current	6A	10A	16A
Nominal Frequency	50/60Hz		
Power factor range	0.8Leading ~ 0.8Lagging		
Stand alone data			
Nominal AC output power	1000W	2000W	3000W
Nominal AC output voltage	230Vac		
Nominal AC output Frequency	50/60Hz		
Battery data			
Battery voltage range	42-59V		
Max.charging and discharging current	24A	44A	66A
Type of battery	Lithium / Lead-acid		
Others			
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - 60°C		
Software version	RH1.0		

Standard(s)/Directive(s):

EN 62477-1: 2012 + A11:2014 + A1:2017 Safety requirements for power electronic converter systems and equipment Part 1: General  
 EN 62040-1: 2008 + A1:2013 Uninterruptible power systems (UPS) – Part 1: General and safety requirements for UPS  
 Low Voltage Directive 2014/35/EU

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