



# Test Verification of Conformity

Verification Number: 190912147GZU-VOC001

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.

Once compliance with all product relevant  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:	EVOLVE ENERGY GROUP CO., LIMITED RM 702, 7/F FU FAI COMM CTR 27 HILLIER ST SHEUNG WAN, HK
Product Description:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	EVVO 10000TLG23P, EVVO 12000TLG23P, EVVO 15000TLG23P
Brand Name(s):	
Standard(s)/Directive(s):	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/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, Guangzhou Science City, GETDD, Guangzhou, China
Test Report Number(s):	190912147GZU-001, 190912147GZU-002

Additional information in Appendix



**Signature**

**Name: Tommy Zhong**

**Position: Technical Manager**

**Date: 08 Oct., 2019**

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190912147GZU-VOC001

Ratings & Principle Characteristics:

Model	EVVO 10000TLG23P	EVVO 12000TLG23P	EVVO 15000TLG23P
Max.PV voltage	1000 d.c.V		
PV MPPT voltage range	160-960 d.c.V		
Max.input current	21 /11 d.c.A		
PV Isc	30/15 d.c.A		
Max.output power	10000W	12000W	15000W
Max.apparent power	11000VA	13200VA	16500VA
Nominal output voltage	3/N/PE, 230 /400 a.c.V		
Max.output current	3×16.5 a.c.A	3×20.0 a.c.A	3×24.0 a.c.A
Nominal output Frequency	50 Hz		
Power factor range	0.8Leading – 0.8 lagging		
Inverter technology	Non-isolated		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - +60°C		
Software Version	V0.21		

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