

# EVOLVE ENERGY GROUP CO., LIMITED

## TEST REPORT

**SCOPE OF WORK**

EMC TESTING– EVVO 10000TLG23P, EVVO 12000TLG23P, EVVO 15000TLG23P

**REPORT NUMBER**

190912148GZU-001

**ISSUE DATE**

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**PAGES**

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**DOCUMENT CONTROL NUMBER**

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## TEST REPORT

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Intertek Report No: 190912148GZU-001

## Test standards

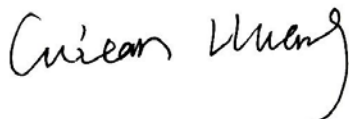
EN 61000-6-1:2007

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

## Sample Description

Product : Solar Grid-tied Inverter  
Model No. : EVVO 10000TLG23P, EVVO 12000TLG23P, EVVO 15000TLG23P  
Electrical Rating : See page 5  
Serial No. : Not Labeled  
Date Received : -  
Date Test : -  
Conducted

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## TEST REPORT

### 1. EMC RESULTS CONCLUSION

RE: EMC Testing Pursuant to EMC Directive 2014/30/EU performed on the Solar Grid-tied Inverter, Models: EVVO 10000TLG23P, EVVO 12000TLG23P, EVVO 15000TLG23P.

Report revision reason:

This report is the Co-license of the previous test report 190411096GZU-001 dated 08 July 2019 and data based on it.

This report was issued because of the following changes:

1. New models are identical to original model except the model name and trademark

New model	Original model
EVVO 10000TLG23P	SOFAR 10000TL-G2
EVVO 12000TLG23P	SOFAR 12000TL-G2
EVVO 15000TLG23P	SOFAR 15000TL-G2

2. The information of applicant is changed to:

EVOLVE ENERGY GROUP CO., LIMITED  
RM 702, 7/F FU FAI COMM CTR 27 HILLIER ST SHEUNG WAN, HK

The production units are required to conform to the initial sample as received when the units are placed on the market.

**TEST REPORT**

**Electrical Rating:**

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		

\*\*\*\*\*End of Report\*\*\*\*\*