

Certificate of Conformity

Certificate Number: 190226174GZU-001

On the basis of the tests undertaken, the sample of the below product have been found to comply with the requirements of the referenced specification standard at the time the tests were carried out. This certificate is part of the full test report and should be read in conjunction with it

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 Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models:	EVVO 3000TL, EVVO 2700TL, EVVO 2200TL, EVVO 1600TL, EVVO 1100TL
Relevant Standards	IEC 60068-2-1:2007, Environmental testing – Part 2-1: Tests- Test A: Cold IEC 60068-2-2:2007, Environmental testing – Part 2-2: Tests- Test B: Dry heat IEC 60068-2-14:2009, Environmental testing – Part 2-14: Tests- Test N: Change of temperature IEC 60068-2-30:2005, Environmental testing – Part 2-30: Tests- Test Db: Damp heat, cyclic(12h +12h cycle) IEC 61683: 1999, Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
Certificate Issuing Office:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Date of Tests:	27 Feb 2019– 25 May, 2019
Test Report Number(s):	190226174GZU-001
Additional information in Appendix.	



Signature

Name: Tommy Zhong
Position: Technical Manager
Date: 04 Jun 2019



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APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with certificate/Report Number: 190226174GZU-001. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

Input voltage rang: 100-500 V (for EVVO 3000TL, EVVO 2700TL, EVVO 2200TL);
90-450 V (for EVVO 1600TL, EVVO 1100TL)
MPPT voltage range with full power output: 230-500 V (for EVVO 3000TL);
200-500 V (for EVVO 2700TL); 170-500 V (for EVVO 2200TL); 165-450 V (for EVVO 1600TL);
110-450 V (for EVVO 1100TL)
Max. input current: 13 A (for EVVO 3000TL, EVVO 2700TL, EVVO 2200TL);
10 A (for EVVO 1600TL, EVVO 1100TL)
Nominal output voltage: 230 V
Max. output current: 13 A (for EVVO 3000TL); 11.5 A (for EVVO 2700TL);
9.5 A (for EVVO 2200TL); 7 A (for EVVO 1600TL); 4.5 A (for EVVO 1100TL)
Nominal frequency: 50 Hz
Max. output power: 2800 W (for EVVO 3000TL); 2500 W (for EVVO 2700TL);
2000 W (for EVVO 2200TL); 1500 W (for EVVO 1600TL); 1000 W (for EVVO 1100TL)
Ingress protection: IP65
Operating temperature range: -25~60°C

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