



## VERIFICATION OF COMPLIANCE

No.: GZES1910025763PV


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

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

Product Name: Solar Grid-tied Inverter (Single Phase Inverter)

Product Description: Inverter used in PV system

Model No.: EVVO 3200TL-AV, EVVO 3000TL-AV, EVVO 2700TL-AV;  
EVVO 2200TL-AV, EVVO 1600TL-AV, EVVO 1100TL-AV;

Trade Mark: 

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65  
Firmware version: V100

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: Refer to page 2  
as shown in the

Test Report Number(s): GZES191002576301, GZES191002576302  
GZES191002576303, GZES191002576304

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.

David Guo  
Senior Technical Manager  
SGS-CSTC



2019-11-12



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Other information added:  
Rating:

Model Number	EVVO 3200TL-AV	EVVO 3000TL-AV	EVVO 2700TL-AV	EVVO 2200TL-AV	EVVO 1600TL-AV	EVVO 1100TL-AV
Max. input voltage	550Vd.c.			500Vd.c.		
Max. input current	12Ad.c.	12Ad.c.	12Ad.c.	12Ad.c.	12Ad.c.	12Ad.c.
Operating MPPT voltage range	50-550Vd.c.			50-500Vd.c.		
Full load DC Voltage Range	300-500 Vd.c.	275-500 Vd.c.	250-500 Vd.c.	200-450 Vd.c.	150-450 Vd.c.	110-450 Vd.c.
Rated voltage	360V					
Rated grid voltage	230Va.c.					
Rated grid frequency	50Hz					
Rated output power	3.3kW	3.0kW	2.7kW	2.2kW	1.6kW	1.1kW
Rated output current	13Aa.c.	13 Aa.c.	11.8Aa.c.	9.6Aa.c.	7Aa.c.	4.8Aa.c.
Max. Output Current	16Aa.c.	14.5 Aa.c.	13Aa.c.	10.6Aa.c.	7.7Aa.c.	5.3Aa.c.
Power factor	0.8 leading to 0.8 lagging					
Ambient temperature	-30 °C ~60 °C					
Ingress protection	IP65					
Protective class	Class I					

Test  
Standard:

IEC 60068-2-1:2007. Environmental testing. Part 2-1: Tests. Test Ae: Cold.  
IEC 60068-2-2:2007. Environmental testing. Part 2-2: Tests. Test Be: Dry heat.  
IEC 60068-2-14:2009. Environmental testing. Part 2-14: Tests. Test Nb: Change of temperature.  
IEC 60068-2-30:2005. Environmental testing. Part 2-30: Tests. Test Db-Variant 1: Damp heat, cyclic (12 h + 12 h cycle).  
IEC 61683:1999. Photovoltaics systems - Power conditioners - Procedure for measuring efficiency.  
IEC 62116:2014. Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters.  
IEC 61727:2004. Photovoltaics (PV) systems - Characteristics of the utility interface.

David Guo  
Senior Technical Manager  
SGS-CSTC



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