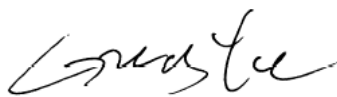# Certificate of Conformity

Certificate Number: 190710044GZU-002

On the basis of the tests undertaken, the samples 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 Certificatie is part of the full test report and should be read in conjunction with it .

Applicant Name & Address:	Shenzhen SOFAR SOLAR Co., Ltd.
	401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community,
	XinAn Street, BaoAn District, Shenzhen, China
Product Description:	PV Grid Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models:	SOFAR 3KTLM-G2, SOFAR 3.6KTLM-G2, SOFAR 4KTLM-G2,
	SOFAR 4.6KTLM-G2, SOFAR 5KTLM-G2, SOFAR 6KTLM-G2
Relevant Standards	EN 50438: 2013, Requirements for micro-generating plants to be connected In parallel with public low-voltage distribution networks Type approval for Ireland
Certificate Issuing Office:	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
Date of Tests:	10 Jul.. 2019 to 11 Jul.. 2019
Test Report Number(s):	190710044GZU-002

Additional information in Appendix.

Signature

Name: **Grady Ye**
Position: **Manager**
Date: **11 Jul 2019**

APPENDIX: Certificate of Conformity

Ratings and principal characteristics

Model	SOFAR 3KTLM-G2	SOFAR 3.6KTLM-G2	SOFAR 4KTLM-G2	SOFAR 4.6KTLM-G2	SOFAR 5KTLM-G2	SOFAR 6KTLM-G2
Max. DC Voltage	600V					
MPPT voltage range	90-580V					
Max input current	2*11A					
PV Isc	2*13.2 A					
Nominal Grid voltage	230Vac					
Nominal Grid frequency	50Hz					
Max. AC output current	13.7A	16.8A	18.2A	21.0A	22.8A	27.3A
Max AC output power (@PF=1)	3000W	3680W	4000W	4600W	5000W	6000W
Max AC output power	3000VA	3680VA	4000VA	4600VA	5000VA	6000VA
Power factor	0.8 Leading to 0.8 Lagging					
Ingress protection	IP 65					
Operating temperature range	-25 ~ +60℃					
Protective class	Class I					
Software Version	V0.22					