

# Test Certification of Conformity

## Konformitätsnachweis Einheitenzertifikat

Certification Number/ Zertifikatsnummer: 190314064GZU-004

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

Basierend auf den durchgeführten Prüfungen wurde festgestellt, dass das Muster / die Muster der nachfolgenden Produkte die Anforderungen der referenzierten Spezifikation zu dem Zeitpunkt der Durchführung der Prüfungen erfüllt haben. Dieser Nachweis ist der Teil des vollständigen Prüfberichtes/der vollständigen Prüfberichte und sollte in Zusammenhang mit diesen gelesen werden.

Applicant Name & Address / Name & Adresse des Antragstellers:	Shenzhen SOFAR SOLAR Co., Ltd. 401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District, Shenzhen, China
Product Description / Produktbeschreibung:	Solar Grid-tied Inverter/ Solar Netzwechselrichter
Ratings & Principle Characteristics / Bemessungsdaten & grundlegende Eigenschaften:	See Annex to Test Certificate of Conformity Voir l'annexe du certificat de conformité
Models/ Modelle:	SOFAR 20000TL-G2, SOFAR 25000TL-G2, SOFAR 30000TL-G2, SOFAR 33000TL-G2
Specification<s>/Standard<s>/ Entsprechende Normen:	DIN V VDE V 0126-1-1:2013.08 with VFR 2014 Automatic disconnection device between a generator and the public low-voltage grid Selbsttätige Schaltstelle zwischen einer netzparallelen Eigenerzeugungsanlage und dem öffentlichen Niederspannungsnetz
Certification Issuing Office Name & Address / Den Nachweis ausstellendes Büro:	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>/ Prüfberichtsnummer(n):	180807101GZU-001, 180807101GZU-002

Additional information in Appendix./ Informations complémentaires en annexe.



### Signature

**Name:** Tommy Zhong  
**Position:** Technical Manager  
**Date:** 15 Mar 2019



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## APPENDIX: Test Certification of Conformity

### Anhang zum Konformitätsnachweis Eigenerzeugungseinheit

This is an Appendix to Test Certification of Conformity Number/ Dies ist ein Anhang zur Test-Konformitätsnummer:  
190314064GZU-004

Ratings & Principle Characteristics / Bemessungsdaten & grundlegende Eigenschaften:

Model/ Modelle	SOFAR 20000TL-G2	SOFAR 25000TL-G2	SOFAR 30000TL-G2	SOFAR 33000TL-G2
Max. DC input Voltage/ Max. DC-Eingangs-spannung	1100Vdc			
Operating MPPT voltage range/ MPPT-Spannungsbereich	230Vdc – 960Vdc			
Max. Input current/ Max. Eingangsstrom	24A/24A	28A/28A	30A/30A	30A/30A
PV Isc	30A*2	35A*2	37.5A*2	37.5A*2
Nominal AC output voltage/ Nennausgangsspannung	3/N/PE 230Vac/400Vac			
Nominal AC output Frequency/ Nominale AC-Ausgangsfrequenz	50Hz			
Nominal AC output Power/ Nominale AC-Ausgangsleistung	20000W	25000W	30000W	33000W
Max. Output Power/ Max. Ausgangsleistung	22000VA	27500VA	33000VA	36300VA
Power factor/ Leistungsfaktor	0.8 Leading – 0.8 Lagging			
Safety level/ Sicherheitsstufe	Class I			
Ingress Protection/ Schutz vor Eindringen	IP 65			
Operation Ambient Temperature/ Betriebs-Umgebungstemperatur	-25°C - 60°C			
Software version/ Softwareversion	V1.40			

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