

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Converter (Solar Grid-tied Inverter)
Name and address of the applicant	Shenzhen SOFARSOLAR Co., Ltd. 401, Building 4 AnTongDa Industrial Park, District 68 XingDong Community, XinAn Street Bao'an District 518101 Shenzhen PEOPLE'S REPUBLIC OF CHINA
Name and address of the manufacturer	Shenzhen SOFARSOLAR Co., Ltd. 401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, Bao'an District, 518101 Shenzhen, PEOPLE'S REPUBLIC OF CHINA
Name and address of the factory	Dongguan SOFARSOLAR Co., Ltd. 1F - 6F, Building E, No. 1 JinQi Road, Bihu Industrial Park, Wulian Village, Fenggang Town, 523707 Dongguan City, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	See page 2
Model/type Ref.	SOFAR 250KTL-HV, SOFAR 255KTL-HV
A sample of the product was tested and found to be in conformity with	IEC 62109-1:2010 IEC 62109-2:2011
as shown in the Test Report Ref. No. which forms part of this certificate	085-213025001-000

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This CB Test Certificate is issued by the National Certification Body

CBS 103836 0009 Rev. 00

Date, 2021-07-16



(Billy Qiu)



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Trade mark (Image)



Ratings and principal characteristics (continued)

Model:	SOFAR 250KTL-HV	SOFAR 255KTL-HV
PV input terminal parameters:		
Max. input voltage	1500Vd.c.	
Rated input voltage	1160Vd.c.	
Start-up voltage	550Vd.c.	
MPPT operating voltage range	500~1500Vd.c.	
Full power MPPT voltage range	800~1300Vd.c.	
Number for DC inputs	24	
Max. input MPPT current	30Ad.c.*12	
Max. input short circuit current	50Ad.c.*12	
AC output rating		
AC output power	250kVA@30°C / 235kVA@40°C / 220kVA@50°C	255kVA@30°C / 235kVA@40°C / 220kVA@50°C
Max. Output current	180.5Aa.c.	184Aa.c.
Nominal grid voltage	3 / PE, 800Va.c.	
Nominal frequency	50Hz / 60Hz	
Power factor	0.8 leading ~ 0.8 lagging	
General		
Operating temperature range	-30~+60°C	
Protection class	Class I	
Ingress protection	IP66	
Operating altitude range	≤5000m	

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