

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	Evolve Energy Group Co., Limited RM 702, 7/F FU FAI COMM CTR 27 HILLIER ST SHEUNG WAN HONG KONG
Name and address of the manufacturer	Evolve Energy Group Co., Limited RM 702, 7/F FU FAI COMM CTR 27 HILLIER ST, SHEUNG WAN, HONG KONG
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 below page
Model/type Ref.	E-250KTL-HV, E-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	085-213076501-000

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This CB Test Certificate is issued by the National Certification Body

CBS 101913 0007 Rev. 00

Date, 2021-11-02



(Billy Qiu)



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Trade mark (Image)



Ratings and principal characteristics (continued)

Model:	E-250KTL-HV	E-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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