

**SG PSB-PV-00018** 

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

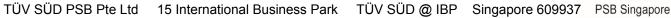
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This CB Test Certificate is issued by the National Certification Body

CBS 101913 0007 Rev. 00

Date, 2021-11-02

Billy Qiu







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Trade mark (Image)

**EWVO** 

Ratings and principal characteristics (continued)

Model:	E-250KTL-HV	E-255KTL-HV	
PV input terminal parameters:	·		
Max. input voltage	1500	1500Vd.c.	
Rated input voltage	1160	1160Vd.c.	
Start-up voltage	550\	550Vd.c.	
MPPT operating voltage range	500~15	500~1500Vd.c.	
Full power MPPT voltage range	800~13	800~1300Vd.c.	
Number for DC inputs	2	24	
Max. input MPPT current	30Ad	30Ad.c.*12	
Max. input short circuit current	50Ad	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, 8	3 / PE, 800Va.c.	
Nominal frequency	50Hz	50Hz / 60Hz	
Power factor	0.8 leading	0.8 leading ~ 0.8 lagging	
General			
Operating temperature range	-30~-	-30~+60°C	
Protection class	Cla	Class I	
Ingress protection	IP	IP66	
Operating altitude range	≤50	≤5000m	

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