



Compliance Document

No. D 101913 0005 Rev. 00

Holder of Certificate: **Evolve Energy Group Co., Limited**
RM 702, 7/F FU FAI COMM CTR 27 HILLIER ST
SHEUNG WAN
HONG KONG

Product: **Converter**
(Solar Grid-tied Inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290213020401D

Date, 2021-10-29

(Billy Qiu)

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Model(s): E-250KTL-HV, E-255KTL-HV

Parameters:

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	500Vd.c.~1500Vd.c.	
Full power MPPT voltage range	800Vd.c.~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	50/60Hz	
Power factor	0.8 leading ~ 0.8 lagging	

**Tested
according to:**

IEC 61727:2004
IEC 62116:2014