

Compliance Document

No. D 101913 0006 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.: 64290213020601C

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	1500V	
Rated input voltage	1160V	
Start-up voltage	550V	
MPPT operating voltage range	500V~1500V	
Full power MPPT voltage range	800V~1300V	
Number for DC inputs	24	
Max. input MPPT current	30A*12	
Max. input short circuit current	50A*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	180.5A	184A
Nominal grid voltage	3 / PE, 800V	
Grid voltage range	640~920V	
Nominal frequency	50Hz / 60Hz	
Active power adjustable range	0~100%	
Power factor	0.8 leading ~ 0.8 lagging	
General		
Operating temperature range	-30°C~+60°C	
Protection class	CLASS I	
Ingress protection	IP66	
Operating altitude range	5000m (> 4000m derating)	

Tested according to:

IEC 60068-2-1:2007
 IEC 60068-2-2:2007
 IEC 60068-2-14:2009
 IEC 60068-2-30:2005