



Product Service

Attestation of Conformity

No. N8A 101913 0004 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 Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290213020201D

Date, 2021-10-28

(Billy Qiu)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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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	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	

Tested according to:

EN 62109-1:2010
EN 62109-2:2011

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