



Product Service

Attestation of Conformity

No. N8A 103836 0010 Rev. 01

Holder of Attestation: **Shenzhen SOFARSOLAR Co., Ltd.**
11/F., Gaoxingqi Technology Building
No.67 Area, Xingdong Community, Xin'an Sub-district
Bao'an District
518000 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290213020203

Date, 2022-12-27

(Billy Qiu)

Page 1 of 2

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



TUV®



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Model(s): SOFAR 250KTL-HV, SOFAR 255KTL-HV,
SOFAR 250-KTL-HV-PRO, SOFAR 255KTL-HV-TRO

Parameters:

Model:	SOFAR 250KTL-HV	SOFAR 255KTL-HV	SOFAR 255KTL-HV-TRO	SOFAR 250KTL-HV-PRO
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.			950~1300Vd.c.
Number for DC inputs	24			20
Number of MPP trackers	12			4
Strings per MPP tracker	2			5
Max. input MPPT current	30Ad.c.*12			100Ad.c.*4
Max. input short circuit current	50Ad.c.*12			150Ad.c.*4
AC output rating				
AC output power	250kVA@35°C / 230kVA@45°C / 220kVA@50°C	255kVA@35°C / 230kVA@45°C / 220kVA@50°C	255kVA@35°C / 230kVA@45°C / 220kVA@50°C	250kVA@35°C / 230kVA@45°C / 220kVA@50°C
Max. Output current	180.5Aa.c.	184Aa.c.	184Aa.c.	180.5Aa.c.
Nominal grid voltage	3 / PE, 800Va.c.			
Nominal frequency	50/60Hz			
Power factor	0.8 leading ~ 0.8 lagging			

Tested according to: EN 62109-1:2010
EN 62109-2:2011

Page 2 of 2

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