

Compliance Document

No. D 103836 0012 Rev. 01

Holder of Certificate: **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 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.: 64290213025202

Date, 2022-12-29



(Billy Qiu)

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

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.			950~1300 Vd.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				
Normal AC output Power	250kW	255kW	220kW	250kW
Maximum AC output apparent power	250kVA	255kVA	255kVA	250kVA
Max. Output current	180.5Aa.c.	184Aa.c.	184Aa.c.	180.5Aa.c.
Nominal grid voltage	3 / PE, 800Va.c.			
Nominal frequency	50Hz			
Power factor	0.8 leading ~ 0.8 lagging			

**Tested
according to:**

EN 50530:2010/A1:2013