

# Compliance Document

No. D 103836 0005 Rev. 00

**Holder of Certificate:** **Shenzhen SOFARSOLAR Co., Ltd.**  
401, Building 4  
AnTongDa Industrial Park, District 68  
XingDong Community, XinAn Street  
Bao'an District  
518101 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290213020401

**Date,** 2021-05-07



( Billy Qiu )

# Compliance Document

No. D 103836 0005 Rev. 00

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

## Parameters:

Model:	SOFAR 250KTL-HV	SOFAR 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