



Product Service

# Attestation of Conformity

No. N8A 103836 0010 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 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290213020201

**Date,** 2021-07-15

( 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):** **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     | 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 /<br>235kVA@40°C /<br>220kVA@50°C | 255kVA@30°C /<br>235kVA@40°C /<br>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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