

CERTIFICATE

of conformity with the following European Directives
Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

Shenzhen SOFARSOLAR Co., Ltd.

401, Building 4, AnTongDa Industrial Park, District 68, XingDong
Community, XinAn Street, BaoAn District,
Shenzhen, China.

comply to the essential requirements of the above mentioned European Directive and the following standards,
taking into account the German national deviations:

Product(s): Solar Grid-tied Inverter

Model type(s): SOFAR 25KTLX-G3, SOFAR 30KTLX-G3, SOFAR 30KTLX-G3-A,
SOFAR 33KTLX-G3, SOFAR 36KTLX-G3, SOFAR 40KTLX-G3,
SOFAR 45KTLX-G3, SOFAR 50KTLX-G3, SOFAR 40KTLX-G3-HV,
SOFAR 50KTLX-G3-HV

Standard(s): EN 62109-1:2010, EN 62109-2:2011

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an
assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the
TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-
Declaration of Conformity.

Registered no.: 44 799 21 406749 - 124R1

Report no.: 492011831.002

File no.: PVP07047/21B-01



TÜV NORD CERT GmbH
Certification Body
Balance of System (BOS) for Photovoltaics

Essen, 2021-11-08

TÜV NORD CERT GmbH

Langemarckstraße 20 45141 Essen

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Please also pay attention to the information stated overleaf.

ANNEX

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to Certificate registration no. 44 799 21 406749 - 124R1

Operating temperature.....:	-30°C~60°C (>50°C power derating)	Maximum Altitude	4000m
Weight.....:	36kg	Dimension (W x H x D)	585*480*220mm
Hardware Version	V102	Software Version	V000001
PV input			
Vmax.....:	1100V	Isc	3*50A
MPP voltage range	180-1000V	Number of MPPT tracking	3
Max. input current.....:	3*40A		
AC output			
Rated Output Voltage	380/400V, 3/N/PE	Rated Output Frequency	50/60Hz
Rated output power.....:	36000W	Max. apparent power	40000VA
Max. output current.....:	60.6A	Power factor.....:	1 (adjustable+/-0.8)

Model type	SOFAR 40KTLX-G3		
General information			
Type of inverter	Transformer-less	Separated by	Non-isolated



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Safety Class.....:	Class I	IP grade	IP65
Over-voltage Category.....:	II (PV) III (AC mains)	Pollution degree.....:	External:3 Internal:2
Operating temperature.....:	-30°C~60°C (>50°C power derating)	Maximum Altitude	4000m
Weight.....:	37kg	Dimension (W x H x D).....:	585*480*220mm
Hardware Version	V102	Software Version	V000001
PV input			
Vmax.....:	1100V	Isc	4*50A
MPP voltage range	180-1000V	Number of MPPT tracking	4
Max. input current.....:	4*40A		
AC output			
Rated Output Voltage	380/400V, 3/N/PE	Rated Output Frequency	50/60Hz
Rated output power.....:	40000W	Max. apparent power	44000VA
Max. output current.....:	66.7A	Power factor.....:	1 (adjustable+/-0.8)

