

Certificate of Conformity

By the product certificate number / Dal numero di certificato del prodotto

No. 2621/0147-E1-CER

Issued to / Rilasciato a:

License holder / Titolare della licenza

Shenzhen SOFARSOLAR Co., Ltd.
401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District. Shenzhen City, Guangdong Province, P.R. China

Manufacturer / Costruttore

Dongguan SOFAR SOLAR Co., Ltd.
1F – 6F, Building E, No.1 JinQi Road, Bihu Industrial Park. Wulian Village, Fenggang Town, Dongguan, P.R. China.

Trademark / Marchio



It is certified the product / È certificato il prodotto:

Type of generating unit / Tipologia di apparato

Interface device / Dispositivo di interfaccia	Interconnection protection device / Protezione di interfaccia	Static Power Converter / Dispositivo di conversione statica	Rotatory Power Converter / Dispositivo di generazione rotante
X	X	X	

Models / Modelli

**SOFAR 8.8KTLX-G3 / SOFAR 3.3KTLX-G3 / SOFAR 4.4KTLX-G3 / SOFAR 5.5KTLX-G3
SOFAR 6.6KTLX-G3 / SOFAR 11KTLX-G3 / SOFAR 12KTLX-G3 / SOFAR 5KTLX-G3-A
SOFAR 8.8KTLX-G3-A / SOFAR 10KTLX-G3-A / SOFAR 11KTLX-G3-A**

Technical Data / Dati Tecnici

Nominal Power / Potenza Nominale [VA] See page 2 / vedere pag. 2
Nominal Voltage / Tensione Nominale [V] 3/N/PE, 230 / 400 V
Nominal Frequency / Frequenza Nominale [Hz] 50
Firmware version / Versione Firmware V000001
Number of phases / Numero di fasi Three Phase / Trifase
Isolation Transformer / Trasformatore di isolamento NO

Remarks/Notes: The device is capable to limit the Idc to 0,5% of the nominal current. / Il dispositivo è in grado di limitare la Idc allo 0,5% della corrente nominale.

Having assessed tests reports issued by laboratories accredited under the requirements of the UNE-EN ISO / IEC 17025, / Avendo valutato i rapporti di prova rilasciati da laboratori accreditati secondo i requisiti della norma UNE-EN ISO / IEC 17025,

We certify that the converters indicated meet the requirements laid down by **CEI 0-21: 2019-04** "Reference technical rules for the connection of active and passive users to the LV electrical Utilities", **Allegato A & Allegato B** / Si certifica che gli converter indicati soddisfano i requisiti della norma tecnica **CEI 0-21: 2019-04** "Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alla rete BT delle imprese distributrici di energia elettrica", **Allegato A e Allegato B**.

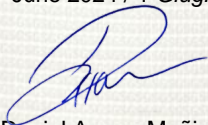
The above-mentioned generating unit is certified according the SGS internal procedure PE.T-ECPE-06 based on the requirements of the UNE-EN ISO / IEC 17065 / La suddetta unità di produzione è certificata secondo la procedura interna PE.T-ECPE-06 in base ai requisiti della UNE-EN ISO / IEC 17065.

This certificate cancels and supersedes the certificate No. 2621/0147-CER / Il presente certificato annulla e sostituisce il certificato No. 2621/0147-CER

First issued on / Prima emesso il: 1st June 2021 / 1 Giugno 2021.

This certificate is valid until / Questo certificato è valido fino al: 1st June 2024 / 1 Giugno 2024.

Madrid, 25th June 2021



Daniel Arranz Muñiz
Certification Manager



Model	SOFAR 3.3KTLX-G3	SOFAR 4.4KTLX-G3	SOFAR 5.5KTLX-G3	SOFAR 6.6KTLX-G3	SOFAR 8.8KTLX-G3	SOFAR 11KTLX-G3	SOFAR 12KTLX-G3
DC Input							
Max. DC voltage	1100 V						
MPPT voltage range	140 V~1000 V						
Full power MPPT voltage range	160 V-850 V	190 V-850 V	240 V-850 V	290 V-850 V	380 V-850 V	420 V-850 V	460 V-850 V
Max. input current	15 A / 15 A						15 A / 30 A
Max. input short circuit current	22.5 A / 22.5 A						22.5 A / 45 A
AC Output							
Rated AC Output power	3 kW	4 kW	5 kW	6 kW	8 kW	10 kW	12 kW
Max. AC Output power	3.3 kVA	4.4 kVA	5.5 kVA	6.6 kVA	8.8 kVA	11 kVA	13.2 kVA
Rated current	4.3 A	5.8 A	7.2 A	8.7 A	11.6 A	14.5 A	17.4 A
Max. output current	5 A	6.7 A	8.3 A	10 A	13.3 A	16.7 A	20 A
Nominal grid voltage	3/N/PE, 220 V / 380 V, 230 V / 400 V						
Nominal output frequency	50 Hz						
Cooling group	Natural	Natural	Natural	Natural	Fan	Fan	Fan

Model	SOFAR 5KTLX-G3-A	SOFAR 8.8KTLX-G3-A	SOFAR 10KTLX-G3-A	SOFAR 11KTLX-G3-A
DC Input				
Max. DC voltage	1100 V			
MPPT voltage range	140 V~1000 V			
Full power MPPT voltage range	240 V-850 V	380 V-850 V	420 V-850 V	420 V-850 V
Max. input current	15 A / 15 A	15 A / 30 A		
Max. input short circuit current	22.5 A / 22.5 A	22.5 A / 45 A		
AC Output				
Rated AC Output power	5 kW	8 kW	10 kW	10 kW
Max. AC Output power	5 kVA	8.8 kVA	10 kVA	11 kVA
Rated current	7.2 A	11.6 A	14.5 A	14.5 A
Max. output current	7.6 A	13.3 A	15.2 A	16.7 A
Nominal grid voltage	3/N/PE, 220 V / 380 V, 230 V / 400 V			
Nominal output frequency	50Hz			
Cooling group	Natural	Fan	Fan	Fan

