ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Attestation of Conformity

No. E8A 131542 0001 Rev. 01

Holder of Attestation: **TCL Photovoltaic Technology (Shenzhen) Co., Ltd.**
D301, Building A3
No.2533 Guanguang Road
Fenghuang Community, Fenghuang Street, Guangming District
518132 Shenzhen City, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA

Name of Object: **Converter**
Hybrid Inverter

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus 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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 4812825010001

Date, 2026-07-29

(Ming Gu)

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Model(s): SP-SRTH-5kW-G1, SP-SRTH-6kW-G1, SP-SRTH-8kW-G1, SP-SRTH-10kW-G1, SP-SRTH-12kW-G1, SP-SRTH-13kW-G1

Description of Object:

Model	SP-SRTH-5kW-G1	SP-SRTH-6kW-G1
PV INPUT		
Max. DC input power	7500 W	9000 W
Absolute max. voltage	DC 1000 V	
MPPT voltage range	DC 180, …, 980 V	
Rated operating voltage	DC 620 V	
Max. input current	DC 18/18 A	
Isc PV	DC 22/22 A	
AC INPUT		
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Rated current	AC 14.6 A	AC 17.4 A
Max. input current	AC 16.2 A	AC 19.2 A
Rated frequency	50/60 Hz	
Max. apparent power	10000 VA	12000 VA
Power factor	-0.8, …, +0.8	
AC OUTPUT		
Rated power	5000 W	6000 W
Rated apparent power	5000 VA	6000 VA
Max. apparent power	5000 VA	6000 VA
Rated frequency	50/60 Hz	
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Rated output current	AC 7.3 A	AC 8.7 A
Max. output current	AC 8.1 A	AC 9.6 A
Power factor	1(-0.8, …, +0.8 adjustable)	
EPS OUTPUT		
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Max. output current	AC 8.1 A	AC 9.6 A
Rated frequency	50/60 Hz	
Rated apparent power	5000 VA	6000 VA
Max. apparent power	5000 VA	6000 VA
Power factor	-0.8, …, +0.8	
BATTERY		
Battery type	Li-ion	
Battery voltage range	DC 160, …, 700 V	
Max. charge/discharge current	DC 25 A	
General information:		
Protective class	Class I	

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Ingress protection	IP65
Overvoltage category	III (AC), II (DC)
Operating temperature range	-25°C, …, +60 °C
Inverter topology	Non-isolated

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Model	SP-SRTH-8kW-G1	SP-SRTH-10kW-G1
PV INPUT		
Max. DC input power	12000 W	15000 W
Absolute max. voltage	DC 1000 V	
MPPT voltage range	DC 180, …, 980 V	
Rated operating voltage	DC 620 V	
Max. input current	DC 18/18 A	
Isc PV	DC 22/22 A	
AC INPUT		
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Rated current	AC 23.2 A	AC 26 A
Max. input current	AC 25.6 A	AC 26 A
Rated frequency	50/60 Hz	
Max. apparent power	16000 VA	17900 VA
Power factor	-0.8, …, +0.8	
AC OUTPUT		
Rated power	8000 W	10000 W
Rated apparent power	8000 VA	10000 VA
Max. apparent power	8000 VA	10000 VA
Rated frequency	50/60 Hz	
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Rated output current	AC 11.6 A	AC 14.5 A
Max. output current	AC 12.8 A	AC 16.0 A
Power factor	1(-0.8, …, +0.8 adjustable)	
EPS OUTPUT		
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Max. output current	AC 12.8 A	AC 16.0 A
Rated frequency	50/60 Hz	
Rated apparent power	8000 VA	10000 VA
Max. apparent power	8000 VA	10000 VA
Power factor	-0.8, …, +0.8	
BATTERY		
Battery type	Li-ion	
Battery voltage range	DC 160, …, 700 V	
Max. charge/discharge current	DC 25 A	
General information:		
Protective class	Class I	
Ingress protection	IP65	
Overvoltage category	III (AC), II (DC)	
Operating temperature range	-25°C, …, +60 °C	
Inverter topology	Non-isolated	

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Model	SP-SRTH-12kW-G1	SP-SRTH-13kW-G1
PV INPUT		
Max. DC input power	20000 W	20000 W
Absolute max. voltage	DC 1000 V	
MPPT voltage range	DC 180, …, 980V	
Rated operating voltage	DC 620 V	
Max. input current	DC 18/18 A	
Isc PV	DC 22/22 A	
AC INPUT		
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Rated current	AC 26 A	AC 26 A
Max. input current	AC 26 A	AC 26 A
Rated frequency	50/60 Hz	
Max. apparent power	17900 VA	17900 VA
Power factor	-0.8, …, +0.8	
AC OUTPUT		
Rated power	12000 W	13000 W
Rated apparent power	12000 VA	13000 VA
Max. apparent power	12000 VA	13000 VA
Rated frequency	50/60 Hz	
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Rated output current	AC 17.4 A	AC 18.9 A
Max. output current	AC 19.2 A	AC 20.8 A
Power factor	1(-0.8, …, +0.8 adjustable)	
EPS OUTPUT		
Rated voltage	3/N/PE AC 220/380 V 3/N/PE AC 230/400 V 3/N/PE AC 240/415 V	
Max. output current	AC 19.2 A	AC 20.8 A
Rated frequency	50/60 Hz	
Rated apparent power	12000 VA	13000 VA
Max. apparent power	12000 VA	13000 VA
Power factor	-0.8, …, +0.8	
BATTERY		
Battery type	Li-ion	
Battery voltage range	DC 160, …, 700 V	
Max. charge/discharge current	DC 25 A	
General information:		
Protective class	Class I	
Ingress protection	IP65	
Overvoltage category	III (AC), II (DC)	
Operating temperature range	-25°C, …, +60°C	
Inverter topology	Non-isolated	

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Tested according to:	EN IEC 61000-6-4:2019 EN IEC 61000-6-3:2021 EN IEC 61000-6-2:2019 EN IEC 61000-6-1:2019

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