ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Compliance Document

No. D 131542 0007 Rev. 00

Holder of Certificate: **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

Product: **Converter**
Hybrid Inverter with storage battery system

Model(s):

Hybrid inverter:
SP-SRTH-5KW-G1, SP-SRTH-6KW-G1, SP-SRTH-8KW-G1, SP-SRTH-10KW-G1

Storage battery system:
SP-RH-B5K-G1-2S, SP-RH-B5K-G1-3S, SP-RH-B5K-G1-4S, SP-RH-B5K-G1-5S, SP-RH-B5K-G1-6S

Parameters: See next pages.

Tested according to: CEI 0-21:2022/V2:2024

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

Test report no.: 5040925003711-00

Date, 2025-09-05

(Zhengdong Ma)

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	The following generators meet the requirements of CEI 0-21:2022/V2:2024				
Section A	Manufacturer	TCL Photovoltaic Technology (Shenzhen) Co., Ltd. D301, Building A3, No.2533 Guanguang Road, Fenghuang Community, Fenghuang Shreet, Guangming District, 518132 Shenzhen City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA			
	Equipment type	Hybrid inverter with storage battery system			
	Brand	SUNPOWER			
	Number of phase	☐ Single phase ☒ Three phase Frequency: 50Hz Voltage: 3/N/PE AC 230/400 V			
	Primary energy used	☒ Solar ☒ Storage ☐ Wind ☐ Hydroelectric ☐ CHP ☐ Other:			
	Generator model	SP-SRTH-5KW-G1	SP-SRTH-6KW-G1	SP-SRTH-8KW-G1	SP-SRTH-10KW-G1
	Rated power	5000 W / 5000 VA	6000 W / 6000 VA	8000 W / 8000 VA	10000 W / 10000 VA
	The generator:	☐ is suitable for installation in systems with an output power of more than 11.08 kW ☒ is capable of limiting Idc to 0.5% of rated current ☒ uses a DC-sensitive protection function ☐ uses a transformer operating at mains frequency			
Section B	Characteristics of the interface protection system				
	Manufacturer	TCL Photovoltaic Technology (Shenzhen) Co., Ltd.			
	Model	SP-SRTH-5KW-G1	SP-SRTH-6KW-G1	SP-SRTH-8KW-G1	SP-SRTH-10KW-G1
	Type	☒ Integrated ☐ Not integrated			
Section C	Characteristics of inverter(s)				
	Model of inverter	SP-SRTH-5KW-G1	SP-SRTH-6KW-G1	SP-SRTH-8KW-G1	SP-SRTH-10KW-G1
	Manufacturer of inverter	TCL Photovoltaic Technology (Shenzhen) Co., Ltd.			
	Firmware version	V1.00			
	Rated power of inverter (P_{NINV})	5000 W	6000 W	8000 W	10000 W
Section E	Characteristics of the Storage System (SdA)				
	Model	SP-SRTH-5KW-G1 with battery system SP-RH-B5K-G1-3S, SP-RH-B5K-G1-4S, SP-RH-B5K-G1-5S, SP-RH-B5K-G1-6S	SP-SRTH-6KW-G1 with battery system SP-RH-B5K-G1-3S, SP-RH-B5K-G1-4S, SP-RH-B5K-G1-5S, SP-RH-B5K-G1-6S	SP-SRTH-8KW-G1 with battery system SP-RH-B5K-G1-4S, SP-RH-B5K-G1-5S, SP-RH-B5K-G1-6S	SP-SRTH-6KW-G1, SP-SRTH-8KW-G1, SP-SRTH-10KW-G1 with battery system SP-RH-B5K-G1-2S
	Psn (nominal discharge power)	5000 W	6000 W	8000 W	4500 W
	Pcn (nominal charging power)	5000 W	6000 W	8000 W	5400 W
	Psmax (max. discharge power)	5000 W	6000 W	8000 W	4500 W
	Pcmax (max. charging power)	5000 W	6000 W	8000 W	5400 W
	Model	SP-SRTH-5KW-G1 with battery system	SP-SRTH-8KW-G1, SP-SRTH-10KW-G1	SP-SRTH-10KW-G1 with battery system	SP-SRTH-10KW-G1 with battery system

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		SP-RH-B5K-G1-2S	with battery system SP-RH-B5K-G1-3S	SP-RH-B5K-G1-4S	SP-RH-B5K-G1-5S, SP-RH-B5K-G1-6S
	Psn (nominal discharge power)	4500 W	7000 W	9300 W	10000 W
	Pcn (nominal charging power)	5000 W	8000 W	10000 W	10000 W
	Psmax (max. discharge power)	4500 W	7000 W	9300 W	10000 W
	Pcmax (max. charging power)	5000 W	8000 W	10000 W	10000 W
	Type	☒ Bidirectional ☐ Monodirectional			
	Batteries that can be used with the above inverters				
	Brand	SUNPOWER			
	Technology	Li-Ion			
	Models	SP-RH-B5K-G1-2S	SP-RH-B5K-G1-3S	SP-RH-B5K-G1-4S	SP-RH-B5K-G1-5S	SP-RH-B5K-G1-6S
	CUS module (kWh)	4.99			
	BMS firmware version	511-00014-02			
	Number of modules	2 pieces	3 pieces	4 pieces	5 pieces	6 pieces
	Note	Battery system contains different number of battery modules in series based on energy capacity. Battery system are not contained in the inverter and should be installed according to local regulations and in accordance with instruction.			
Section I	References of the laboratories that performed the tests and their test reports (RdP)				
	Selected method	☒ Tests performed under the supervision of a certification body			
	Test Reports (RdP)	1) Test report according to Annex A & Bbis: 5040924003719-00, 5040924003719-01, 5040925003711-00			
	Issued by	Testing lab: 1) Manufacturer's laboratory Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH			
	Accreditation No.	D-ZE-11321-01-04			
	Accreditation body reference.	DAKKS			
Section M	Reference of the certification body				
	Certification Body	TÜV SÜD Product Service GmbH			
		DAKKS accreditation certificate D-ZE-11321-01-04 according to DIN EN ISO/IEC 17065:2013			

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