ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Compliance Document

No. D 131542 0011 Rev. 00

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

Product: **Converter**
Hybrid Inverter

Model(s): **SP-ARSH-3.6kW-G1**

Parameters: See next pages

Tested according to: G98/2:2025

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the particular sample. This compliance document makes no statement regarding the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040925003748-00

Date, 2025-11-28

(Zhengdong Ma)

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Parameters:

Models	SP-ARSH-3.6kW-G1
PV input parameters	
Max. PV input power	7360 W
Max. input voltage	DC 600 V
MPPT voltage range	DC 50 V, …, 560 V
Max. input current	DC 16 × 2 A
Isc PV	DC 22 × 2 A
AC output parameters	
Nominal output power	3680 W
Max. apparent output power	3680 VA
Max. output current	AC 16 A
Nominal frequency	50 Hz
Nominal voltage	L/N/PE AC 230 V
Power factor	1(-0.8, …, +0.8 adjustable)
AC input parameters	
Max. input current	AC 32 A
Max. apparent input power	7360 VA
Nominal frequency	50 Hz
Nominal voltage	L/N/PE AC 230 V
Power factor	1(-0.8, …, +0.8 adjustable)
Battery parameters	
Battery type	LFP
Battery voltage range	DC 80 V, …, 500 V
Max. charge/discharge current	DC 50 A

Interface protection settings (Manufacturer default settings)

Protection function	Trip setting	Time Delay Setting
U/V	$V_{\varphi\text{-}N}$ – 20%	2.5s
O/V st 1	$V_{\varphi\text{-}N}$ + 14%	1.0s
O/V st 2	$V_{\varphi\text{-}N}$ + 19%	0.5s
U/F st 1	47.5 Hz	20s
U/F st 2	47 Hz	0.5s
O/F	52 Hz	0.5s
Loss of Mains (RoCoF)	1 Hzs^{-1}	
Tolerances on trip values: - voltage: ±1.5%; - frequency: ± 0.2%;		

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Unauthorised access to factory safety parameters setting and software should be prohibited.

A reset to the factory safety parameters requires retesting and verification in conjunction with the end-use system.

Protection integrated in inverter can not be used as an alternative central interface protection device at connection point.

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