

Test Verification of Conformity

Verification Number: 250725035GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

This document can be used in support of a claim in meeting relevant <EU>legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer.

Applicant Name & Address:

SOCIETE INDUSTRIELLE ET COMMERCIALE D' APPAREILS DOMESTIQUES SICAD COALA

Industrial zone BP143 Sidi Bouzid 9100 Tunisia

Product Description:

Single-Phase Grid-Connected Inverter

Models/Type References:

CG-3.6K, CG-4K, CG-4.6K, CG-5K, CG-6K

Ratings & Principle

See Appendix

Characteristics:

Brand Names:



Specification<s>/Standards:

EN IEC 61000-6-3:2021

EN IEC 61000-6-1:2019

Verification Issuing Office Name
& Address:

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road,
Huangpu District, Guangzhou, Guangdong, China

Date of Tests:

-

Test Report Number(s):

250725035GZU-001

Additional information in Appendix.

A handwritten signature in black ink that reads 'Sky Zhu'.

Signature

Name: Sky Zhu

Position: Supervisor

Date: 29 October 2025

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 250725035GZU-VOC001.

Ratings & Principle Characteristics:

Model	CG-3.6K	CG-4K	CG-4.6K	CG-5K	CG-6K
PV Input Data					
Max. PV access power	7200W	8000W	9200W	10000W	12000W
Max. PV input power	4700W	5500W	6000W	6500W	7800W
Max. PV input voltage	550Vd.c				
Operation voltage range	80-540Vd.c				
Number of independent MPPT/ strings per MPPT	2/1				
MPPT max. current	14/14Ad.c				
MPPT max. short circuit current	18/18Ad.c				
AC Output Data					
Rated output power	3.6kW	4kW	4.6kW	5kW	6kW
Max. output power	4kW	4.4kW	5kW	5.5kW	6.6kW
Rated output voltage	230Va.c, L+N+PE				
Rated grid frequency	50/60Hz				
Rated output current	15.7Aa.c	18Aa.c	20Aa.c	21.8Aa.c	26.1Aa.c
Max output current	17.3Aa.c	20Aa.c	22Aa.c	24Aa.c	29Aa.c
Power factor range	0.8Leading~0.8Lagging				
General Data					
Operation temperature range	-25 °C ~+60 °C				
Protection Class	I				
Ingress protection	IP66				
Software version	V3.0				

Signature



Name: Sky Zhu

Position: Supervisor

Date: 29 October 2025

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.