

CERTIFICATE OF CONFORMITY

Issued to: Solenso electronic materials Co., LTD.
4F., No. 56, Zili 5th St., Zhongli Dist., Taoyuan City 320, Taiwan

For the product: PV Microinverter

Trade name: 

Type/Model: SG400; SG450; SG500

Ratings: Operating temperature range: - 40°C to + 65°C
Protective class: IP67
Power factor range (adjustable): -0.8(lagging)~0.8(leading)
SG400:
DC: Voltage range:25-55 Vdc, Max Current: 14 A, AC: Max. Output Power: 400 VA,
rated voltage: 230 Vac, Max. current: 1.74 A, 50Hz, LN-PE
SG450:
DC: Voltage range:25-55 Vdc, Max Current: 15 A, AC: Max. Output Power: 450 VA,
rated voltage: 230 Vac, Max. current: 1.96 A, 50Hz, LN-PE
SG500:
DC: Voltage range:25-55 Vdc, Max Current: 16 A, AC: Max. Output Power: 500 VA,
rated voltage: 230 Vac, Max. current: 2.17 A, 50Hz, LN-PE
Hardware version: JPM500xA1.V02.2400921A
Software version: V2.00-2025.01.02

Manufactured by: Same as applicant

Requirements: EN 50549-10:2022
EN 50549-1:2019; EN 50549-1:2019/A1:2023
COMMISSION REGULATION (EU) 2016/631 (NC RfG)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6217535.50A .

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2030-03-17 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-03-17

Certificate Number: 6217535.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

© Integral publication of this certificate and adjoining reports is allowed



PCA-141

DEKRA Testing and Certification (Shanghai) Ltd.
No.250, Jiangchangsan Road, Jing'an District, Shanghai, 200436 People's Republic of China
T +86 21 6056 7600 F +86 21 6056 7555 www.dekra-product-safety.com
ESA-CER-F021 v4.1