

# CERTIFICATE OF CONFORMITY

## CERTIFICAT DE CONFORMITÉ

Issued to: FOXESS CO., LTD.  
Adressée à: No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China

For the product: PV Grid-tied Inverter  
Nom du produit: Inverseur lié au réseau PV

Trade name:  
Marque:



Type/Model: R75-G2, R80-G2, R100-G2, R110-G2, R125-G2, R136-G2  
Type/Modèle:

Ratings: See Annex  
Informations Voir annexe  
Techniques:

Manufactured by: FOXESS CO., LTD.  
Fabriqué par: No.939, Jinhai Third Road, New Airport Industry Area, Longwan District, Wenzhou, Zhejiang, China

Requirements: EN 50549-1:2019; EN 50549-1:2019/A1:2023 (Requirements for type A Generating Units)

Standards harmonisés: COMMISSION REGULATION (EU) 2016/631 (NC RfG)  
EN 50549-10:2022 Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6197405.50(A, B).

*Cette attestation est accordée suite à un examen par DEKRA, dont les résultats sont disposés dans un dossier confidentiel no. 6197405.50(A, B).*

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.

*L'examen a été effectué sur un seul échantillon du produit, soumis par le fabricant. L'attestation ne comprend pas une évaluation de production du fabricant. La conformité de sa production avec l'échantillon testé par DEKRA n'est pas de la responsabilité de DEKRA.*

This Test Certificate expires at the latest on 2029-11-01 or expires upon withdrawal of one of the above mentioned standards.

*Ce Certificat de Test expire au plus tard le 2029-11-01 ou expire lors du retrait de l'une des normes mentionnées ci-dessus.*

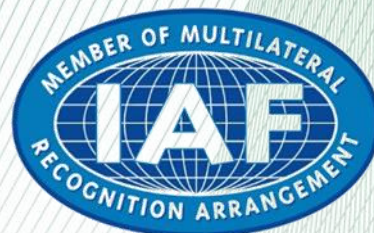
Shanghai, 2024-11-01

Certificate Number: 6197405.01COC  
Numéro de certificate: 6197405.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

  
Cliff Lin  
Certification Manager

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PCA-141

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ESA-CER-F021 v4.1

Ratings of the test product:  
Caractéristiques des produits testés:

PV Grid-tied Inverter						
Model or Type designation	R75-G2	R80-G2	R100-G2	R110-G2	R125-G2	R136-G2
<b>PV input parameters:</b>						
V <sub>MAX</sub> PV [Vd.c.]	1100					
MPP Voltage Range [Vd.c.]	200-1000					
Max. PV Input Current [Ad.c.]	9*40	9*40	9*40	10*40	10*40	10*40
DC Short-circuit current [Ad.c.]	9*50	9*50	9*50	10*50	10*50	10*50
<b>AC output (Grid Side) parameters:</b>						
Rated Output Voltage [Va.c.]	380/400, 3/N/PE					
Rated Output Frequency [Hz]	50/ 60					
Rated Output Power [kW]	75.0	80.0	100.0	110.0	125.0	136.0
Max. Apparent Power [kVA]	82.5	88.0	110.0	121.0	137.5	138.0
Max. Output Current [Aa.c.]	125.0	133.3	166.7	183.3	199.3	200.0
Power Factor cosφ [λ]	0.8 leading – 0.8 lagging					
<b>Others:</b>						
Protective Class	Class I					
Inverter Topology	Non-isolated					
Operation Temperature Range	-30~60°C					
Size [W*H*D mm]	975*630*360					
Weight [kg]	90					
Ingress Protection	IP66					
Overvoltage-Category	III AC(Main), II DC(PV)					

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