

Certificate of Conformity

By the product certificate number

No. 240210RECO01-E1-CER/E1

Issued to:

License holder: **GLOBAL TECH CHINA LTD.**
Unit 702-704, 7/F., Texwood Plaza, 6 How Ming Street, Kwun Tong, Kln., Hong Kong

Trademark:



Contract number: **802835**

It is certified that the product:

Type of generator: **Bi-directional Converter**

Models:

**SM5.5kWPL / SM5.5kWLS / SM5.5kWLL / SM5.5kWGB / LIFE5.5HYB02
SM3.6kWPL / SM3.6kWLS / SM3.6kWLL / SM3.6kWGB / LIFE3.6HYB02
SM2.5kWPL / SM2.5kWLS / SM2.5kWLL / SM2.5kWGB / LIFE2.5HYB02**

Technical Data:	Rated Active Power:	See page 2
	Rated Voltage:	230 V _{ac}
	Rated Frequency:	50 Hz
	Firmware version:	Display PCB: V1.5 Control PCB: V1.5
	Number of phases:	Single Phase (L/N/PE)
	Isolation transformer:	No

Is in compliance with standard:

EN 50549-1: 2019 "Requirements for generating plants to be connected in parallel with distribution networks" – Part 1: Connection to a LV Distribution Network - Generating Plants up to and including type B.

This certificate just covers PV inverters models certified below above-mentioned references to be installed in PV generating of plants type B to be connected to a LV distribution network.

The above-mentioned product is certified according to the standard EN 50549-1: 2019 and is valid to be installed in PV generating of type plants B to be connected to a LV distribution network. The relation between this European Standard with the relevant Article of COMMISSION REGULATION (EU) 2016/631 (NC RfG) is considered as it is indicated in the annex H of the standard EN 50549-1: 2019.

The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-53 based on the requirements of the UNE-EN ISO / IEC 17065.

This certificate cancels and replaces certificate no. 240210RECO01-E1-CER.

First issued on: 14th June 2024.

This certificate is valid until: 17th May 2029.

Madrid, 17th June 2024.

Daniel Arranz Muñiz
Certification Manager



SGS Tecnos, S.A.U. C/ Trespademe, 29 - 28042 Madrid
This certificate is issued by SGS under its General Conditions for Product Certification at www.sgs.com/terms_and_conditions.
The status and validity of the certificate can be checked scanning the QR code above included or through the following web [link](#).
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Full list of product references and nominal characteristics:

Model	SM5.5kWPL	SM5.5kWLS	SM5.5kWLL	SM5.5kWGB	LIFE5.5HYB02
PV Input					
Max. DC voltage	500 V				
MPPT Voltage Range	120-450 V				
AC Output					
Rated output power	5500 W				
Rated output current	24 A				

Model	SM3.6kWPL	SM3.6kWLS	SM3.6kWLL	SM3.6kWGB	LIFE3.6HYB02
PV Input					
Max. DC voltage	500 V				
MPPT Voltage Range	120-450 V				
AC Output					
Rated output power	3600 W				
Rated output current	16 A				

Model	SM2.5kWPL	SM2.5kWLS	SM2.5kWLL	SM2.5kWGB	LIFE2.5HYB02
PV Input					
Max. DC voltage	500 V				
MPPT Voltage Range	120-450 V				
AC Output					
Rated output power	2500 W				
Rated output current	11 A				

