

CERTIFICATE OF CONFORMITY

Certificate number	No: 2619/0092-M5-CER						
Holder	ELGIN S.A. Av. Dante Jordão Stopa, 47 - César de Souza CEP 08820-320 - Mogi Cas Cruzes						
Trademark	ELGIN						
Factory Address	No. 26 South YongJiang Road, NingBo, China						
Tested model	SUN-25K-G02						
Variant models	SUN-6K-G02 / SUN-10K-G / SUN-12K-G / SUN-15K-G / SUN-20K-G						
Type of generating unit	Utility Interactive Inverter						
Technical Data	Nominal Power [kW]	6	10	12	15	20	25
	Nominal Voltage [V]	230 / 400					
	Nominal Frequency [Hz]	50					
	Firmware version	Display software version: Ver 0151					
		Control software version: Ver 1814					
	Number of phases	Three phase					
	Isolation transformer	NO					

This test certificate of conformity confirms that one sample of the above-mentioned product is in compliance with:

- **IEC 60068-2-1:2007.** Environmental testing. Part 2-1: Tests. Test Ae: Cold.
- **IEC 60068-2-2:2007.** Environmental testing. Part 2-2: Tests. Test Be: Dry heat.
- **IEC 60068-2-14:2009.** Environmental testing. Part 2-14: Tests. Test Nb: Change of temperature.
- **IEC 60068-2-30:2005.** Environmental testing. Part 2-30: Tests. Test Db-Variant 1: Damp heat, cyclic (12 h + 12 h cycle).
- **IEC 61683:1999.** Photovoltaics systems - Power conditioners - Procedure for measuring efficiency.
- **IEC 62116:2014.** Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
- **IEC 61727:2004.** Photovoltaics (PV) systems – Characteristics of the utility interface

This test certificate of conformity is based upon the test results of the test reports number below detailed and is only valid when the product is manufactured in accordance with the tested sample.

- 2219 / 0092 – A-E1 for **IEC 61727:2004**
- 2219 / 0092 – B-E1 for **IEC 62116:2014**
- 2219 / 0092 – C-E1 for **IEC 61683:1999**
- 2219 / 0092 – D-E1 for **IEC 60068-2-1:2007; IEC 60068-2-2:2007; IEC 60068-2-14:2009; IEC 60068-2-30:2005**

This test certificate will expire in 5 years from the release date of the initial tests reports, issued the 09th May of 2019. This test certificate cancels and supersedes previous test certificate number 2219/0092-CER.

Madrid, 23rd of September 2019

Daniel Arranz Muñoz
Certification Manager

