

CERTIFICATE OF CONFORMITY

By the product certificate number

No. 2618/0092/IND-M8-CER

Issued to:

License holder

BELENUS LTDA

Rua Comendador Joao Lucas,300 Distrito Industrial,Vinhedo-SP
CEP:13288-184 -Brasil, CNPJ:05.151.518/0001-40

Trademark



Contract number:

801438

Tested model

BEL-50K-G

It is certified that the product:

Variant models

BEL-30K-G / BEL-33K-G / BEL-35K-G / BEL-40K-G

Type of generating unit

Utility Interactive Inverter

Technical Data

Nominal Power [kW]	30	33	35	40	50
Nominal Voltage [V]	230 / 400				
Nominal Frequency [Hz]	50 / 60				
Firmware version	Display software version: Ver 136 Control software version: Ver 1502				
Number of phases	Three phases				
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 certificate 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.

- 2218 / 0092 – A – M1-E1 for **IEC 61727:2004**
- 2218 / 0092 – B – M1-E1 for **IEC 62116:2014**
- 2218 / 0092 – C – M1-E1 for **IEC 60068-2-1:2007; IEC 60068-2-2:2007; IEC 60068-2-14:2009; IEC 60068-2-30:2005**
- 2218 / 0092 – D – M1-E1 for **IEC 61683:1999**

This certificate will expire in 5 years from the release date of these test reports, issued the 20th April of 2018.

Madrid, 03rd of September 2021

Daniel Arranz Muñiz
Certification Manager

