


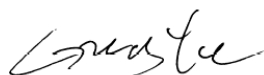
Certificate of Conformity

Certificate Number: CN-PV-210170

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specifications /standards at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	BELENUS LTDA Rua Comendador Joao Lucas,300 Distrito Industrial,Vinhedo- SP CEP:13288-184 - Brasil CNPJ:05.151.518/0001-40
Product:	Grid-Connected PV Inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Models:	BEL-15K-G-LV; BEL-20K-G-LV; BEL-25K-G-LV; BEL-30K-G-LV; BEL-35K-G-LV
Brand name:	
Tested according to:	ABNT NBR 16149:2013 ABNT NBR 16150:2013 ABNT NBR IEC 62116: 2012 ANEXO III – parte 2, Portaria n,º 357, de 01 de agosto de 2014
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Test Reports No:	210604057GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 12 July 2021

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210170.

Ratings &
Principle
Characteristics:

Model	BEL-15K-G-LV	BEL-20K-G-LV	BEL-25K-G-LV	BEL-30K-G-LV	BEL-35K-G-LV
V _{MAX} PV [Vdc]	800				
DC Voltage Range [Vdc]	200-700				
Max, Input Current I _{MAX} [A]	2*30	2*30	4*30	4*30	4*30
MPP Full Power Voltage Range [Vdc]	450-700				
Start PV Voltage [Vdc]	250				
Rated Output Voltage Ur [Vac]	3W/N/PE 127/220				
Rated Output Frequency F _{NETZ} [Hz]	60				
Rated Output Power P _E [kW]	15	20	25	30	35
Max, Output Current I _{max} [A]	3*43,3	3*57,8	3*72,2	3*86,6	3*101,1
Power Factor cosφ [λ]	>0.99				
Efficiency max, η _{max}	98.7%				
Enclosure Protection (IP)	IP65				
Operating Temperature Range [°C]	-25°C ~ +60°C				
Pollution degree (PD)	PD3				
Size (W/H/D) [mm]	633/532/285				
Weight [kg]	54				
Firmware	Hardware: Ver2.5 Software: Ver1973				

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