

Certificate of Conformity

Certificate Number: CN-PV-210256

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

Applicant:	INTELBRAS S/A - INDUSTRIA DE TELECOMUNICAÇÃO ELETRONICA BRASILEIRA Rodovia SC 281, Km 4,5 - Sertão do Maruim - São José/SC-Brasil
Product:	PV Grid inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	EGT 17000 MAX G2, EGT 20000 MAX G2, EGT 25000 MAX G2 EGT 33000 MAX G2, EGT 40000 MAX G2, EGT 10000 MAX 220V G2 EGT 15000 MAX 220V G2, EGT 20000 MAX 220V G2
Brand Name<s>:	intelbras
Tested according to:	IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface IEC 62116:2014 Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
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 Accredited by China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	210906299GZU-001, 210906299GZU-002
Certification procedure: SMS-PV-OP-19	
Product certification scheme type: Type test	
Additional information in Appendix.	



Signature

Certification Manager: Qiao Qiao

Date: 9 November 2021



中国认可
国际互认
产品
PRODUCT
CNAS C058-P

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210256

Model	EGT 17000 MAX G2	EGT 20000 MAX G2	EGT 25000 MAX G2
Max.PV voltage	1100Vdc		
PV voltage range	200V – 1000Vdc		
Max.input current	26A*3		
PV Isc	32A*3		
Nominal output voltage	3W/N/PE, 230/400Vac		
Nominal output Frequency	50/60Hz		
Max.output current	28.5A	33.3A	41.9A
Max.output power	17000W	20000W	25000W
Max.apparent power	18800VA	22000VA	27700VA
Power factor range	0.8Leading – 0.8 lagging		
Safety level	Class I		
Ingress Protection	IP 66		
Operation Ambient Temperature	-25°C - +60°C		
Software version	DM1.0		

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APPENDIX: Certificate of Conformity

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Model	EGT 33000 MAX G2	EGT 40000 MAX G2
Max.PV voltage	1100Vdc	
PV voltage range	200V – 1000Vdc	
Max.input current	26A*3	26A*4
PV Isc	32A*3	32A*4
Nominal output voltage	3W/N/PE 230/400Vac	
Nominal output Frequency	50/60Hz	
Max.output current	55.5A	66.6A
Max.output power	33000W	40000W
Max.apparent power	36600VA	44000VA
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 66	
Operation Ambient Temperature	-25°C - +60°C	
Software version	DM1.0	

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APPENDIX: Certificate of Conformity

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Model	EGT 10000 MAX 220V G2	EGT 15000 MAX 220V G2	EGT 20000 MAX 220V G2
Max.PV voltage	1100Vdc		
PV voltage range	200V – 850Vdc		
Max.input current	26A*4		
PV Isc	32A*4		
Nominal output voltage	3W/N/PE 127/220Vac		
Nominal output Frequency	50/60Hz		
Max.output current per phase	29.2A	43.7A	58.3A
Max.output power	10000W	15000W	20000W
Max.apparent power	11100VA	16600VA	22200VA
Power factor range	0.8Leading – 0.8 lagging		
Safety level	Class I		
Ingress Protection	IP 66		
Operation Ambient Temperature	-25°C - +60°C		
Software version	DM1.0		

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