

# Certificate of Conformity

Certificate Number: CN-PV-210255

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 12000 MAX G2, EGT 15000 MAX 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>:** 210906296GZU-001, 210906296GZU-002

Certification procedure: SMS-PV-OP-19  
Product certification scheme type: Type test  
Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao  
Date: 8 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-210255

Model	EGT 12000 MAX G2	EGT 15000 MAX G2
Max. PV voltage	1100Vdc	
PV voltage range	140 – 1000Vdc	
PV Isc	16/32A	
Max. input current	13/26A	
Max. output power	12000W	15000W
Max. apparent power	13200VA	16500VA
Nominal output voltage	3W/N/PE 230/400Vac	
Max. output current	20.0A	25.0A
Nominal output frequency	50/60Hz	
Power factor range	0.8Leading ~ 0.8Lagging	
Safety level	Class I	
Ingress protection	IP66	
Operation ambient temperature	-25°C - +60°C	
Software version	DL 1.0	

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.