

Certificate of Conformity

Certificate Number: CN-PV-200152

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specification/standard 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 Name & Address:	Shenzhen Growatt New Energy Co., Ltd 2F and 3F, Building 4, Jiayu Company Industrial Park, Xibianling, Shangyu Village, Shiyuan Street, Bao'an District, Shenzhen, China
Product Description:	Static generator (PV Grid Inverter)
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Models/Type References:	MIC 750TL-X, MIC 1000TL-X, MIC 1500TL-X, MIC 2000TL-X, MIC 2500TL-X, MIC 3000TL-X, MIC 3300TL-X
Brand Name:	Growatt
Tested according to:	CEI 0-21:2019-04: Reference technical rules for the connection of active and passive users to the LV electrical Utilities
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd 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 Number:	200228037GZU-001
Certification procedure: SMS-PV-OP-19 Product certification scheme type: Type test Additional information in Appendix	



Signature

Certification Manager: Grady Ye

Date: 23 November 2020



中国认可
产品
PRODUCT
CNAS C058-P

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200152

Ratings & Principle Characteristics:

Model	MIC 750 TL-X	MIC 1000 TL-X	MIC 1500 TL-X	MIC 2000 TL-X	MIC 2500 TL-X	MIC 3000 TL-X	MIC 3300 TL-X
Input							
Max. DC input Voltage:	500Vdc				550Vdc		
Max. input current:	13A						
DC input range:	50-500Vdc				65-550Vdc		
Output							
Nominal AC output voltage:	230Vac						
Nominal frequency:	50Hz						
Nominal output power:	750W	1000W	1500W	2000W	2500W	3000W	3300W
Max apparent power	750VA	1000VA	1500VA	2000VA	2500VA	3000VA	3300VA
Max AC output current:	3.6A	4.8A	7.1A	9.5A	11.9A	14.3A	
Power factor:	0.8 Leading to 0.8 Lagging						
Ingress protection:	IP65						
Protection Class:	Class I						
Operation Ambient Temp	-25°C to +60°C						
Software Version	GH1.0						

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.

Verification of certificate with test report: 200228037GZU-001

TYPE OF APPARATUS:

(the static converters in systems with capacity up to 11.08 kW)

DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Manufacturer: Shenzhen Growatt New Energy Co., Ltd

Apparatus type: Static generator (PV Grid Inverter)

Model: MIC 750TL-X, MIC 1000TL-X, MIC 1500TL-X, MIC 2000TL-X,
MIC 2500TL-X, MIC 3000TL-X, MIC 3300TL-X

Firmware Version: GH1.0

Number of phases: single-phase

Nominal power: See certificate for each model

Remark: The devices are capable to limit I_{dc} to 0.5% of the rated grid current

Having assessed the test report 200228037GZU-001 Issued by laboratory:

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 18/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China

In compliant with ISO/IEC 17025:2017

Accreditation number: CNAS L0220

Having examined the ISO 9001 certificate of the manufacturer No: UKQ1809003R2 issued by:

UNIVERSAL CERTIFICATION CENTRE CO., LTD

The indicated products above are complied with CEI 0-21:2019-04: Reference technical rules for the connection of active and passive users to the LV electrical Utilities



Signature

Name: Grady Ye

Date: 23 November 2020