

Certificate of Conformity

Certificate Number: CN-PV-220012

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:	Shenzhen Growatt New Energy Co., Ltd. 4-13/F,Building A,Sino-German(Europe) Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China
Product:	PV Grid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	MAX 80KTL3-X LV, MAX 100KTL3-X LV, MAX 110KTL3-X LV, MAX 120KTL3-X LV, MAX 125KTL3-X LV, MAX 133KTL3-X LV
Brand Name<s>:	GROWATT
Product Complies with:	CEI 0-21: 2019 + V1:2020 Reference technical rules for 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 ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	210223048GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 14 January 2022



PRD N° 306B

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220012.

Model	MAX 80KTL3- X LV	MAX 100KTL3- X LV	MAX 110KTL3- X LV	MAX 120KTL3- X LV	MAX 125KTL3- X LV
Max.PV voltage	1100Vdc				
PV voltage range	180V – 1000Vdc				
Max.input current	32A*7	32A*10			
PV Isc	40A*7	40A*10			
Number of strings per MPPT	2				
Nominal output voltage	3W/N/PE, 230/400Vac				
Nominal output Frequency	50Hz				
Rated output current	115.5A	144.3A	158.8A	173.2A	180.4A
Rated output power	80KW	100KW	110KW	120KW	125KW
Rated apparent power	80KVA	100KVA	110KVA	120KVA	125KVA
Power factor range	0.8Leading – 0.8 lagging				
Safety level	Class I				
Ingress Protection	IP 66				
Operation Ambient Temperature	-30°C - +60°C				
Software version	TN1.0				

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.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220012.

Model	MAX 133KTL3-X LV
Max.PV voltage	1100Vdc
PV voltage range	180V – 1000Vdc
Max.input current	32A*10
PV Isc	40A*10
Number of strings per MPPT	2
Nominal output voltage	3W/N/PE, 230/400Vac
Nominal output Frequency	50Hz
Rated output current	192A
Rated output power	133KW
Rated apparent power	133KVA
Power factor range	0.8Leading – 0.8 lagging
Safety level	Class I
Ingress Protection	IP 66
Operation Ambient Temperature	-30°C - +60°C
Software version	TN1.0

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Verification of certificate with test report: 210223048GZU-001

TYPE OF APPARATUS:

(the static converters in systems with capacity more than 11.08 kW)

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

Manufacturer: Shenzhen Growatt New Energy Co., Ltd.

Apparatus type: PV Grid Inverter

Model: MAX 80KTL3-X LV, MAX 100KTL3-X LV, MAX 110KTL3-X LV,
MAX 120KTL3-X LV, MAX 125KTL3-X LV, MAX 133KTL3-X LV

Firmware Version: TN1.0

Number of phases: Three-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 210223048GZU-001 Issued by laboratory:

Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, CETDD, Guangzhou, Guangdong, China

In compliant with ISO/IEC 17025:2017

Accreditation number: TL-395

Having examined the ISO 9001 certificate of the manufacturer No: 02421Q32012223R0M issued by:
UNIVERSAL CERTIFICATION CENTRE CO., LTD.

The indicated product complies with CEI 0-21:2019 + V1:2020: Reference technical rules for the connection of active and passive users to the LV electrical Utilities



Signature

Name: Grady Ye

Date: 14 January 2022