

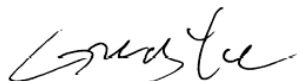
Certificate of Conformity

Certificate Number: CN-PV-200098

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:	Shenzhen Growatt New Energy Technology CO., Ltd 1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28, GuangHui Road, LongTeng Community, Shiyan Street, Baoan District, Shenzhen, P.R.China
Product:	PV Grid inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Models:	MID 17KTL3-X1, MID 20KTL3-X1, MID 22KTL3-X1, MID 25KTL3-X1, MID 30KTL3-X, MID 33KTL3-X, MID 36KTL3-X, MID 40KTL3-X
Brand Name:	Growatt
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 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China
Test Reports No:	200426150GZU-001, 200426150GZU-002

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 31 July 2020

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-200098

Ratings & Principle Characteristics:

Model	MID 17KTL3-X1	MID 20KTL3-X1	MID 22KTL3-X1	MID 25KTL3-X1
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	36.7A	41.9A
Max.output power	17000W	20000W	22000W	25000W
Max.apparent power	18800VA	22000VA	24200VA	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

This is an Appendix to Certificate of Conformity Number: CN-PV-200098

Ratings & Principle Characteristics:

Model	MID 30KTL3-X	MID 33KTL3-X	MID 36KTL3-X	MID 40KTL3-X
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	50.5A	55.5A	60.0A	66.6A
Max.output power	30000W	33000W	36000W	40000W
Max.apparent power	33300VA	36600VA	39600VA	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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Shenzhen BALUN Technology Co., Ltd.

Room 104, 204, 205, Building 1, No. 6, Industrial South Road, Songshan Lake District, Dongguan, Guangdong, China

VERIFICATION OF CONFORMITY

Certificate No.: BL-DG2050762D02

Applicant: SHENZHEN GROWATT NEW ENERGY TECHNOLOGY CO., LTD
1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28,
Address: GuangHui Road, LongTeng Community, Shiyan Street, Baoan District,
Shenzhen, P.R. China

Manufacture: SHENZHEN GROWATT NEW ENERGY TECHNOLOGY CO., LTD
1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28,
Address: GuangHui Road, LongTeng Community, Shiyan Street, Baoan District,
Shenzhen, P.R. China

Product: PV Grid inverter

Brand name: 

Model name: MID 17KTL3-X1, MID 20KTL3-X1, MID 22KTL3-X1, MID 25KTL3-X1,
MID 30KTL3-X, MID 33KTL3-X, MID 36KTL3-X, MID 40KTL3-X

The submitted sample of the above product has been tested according with below Standard(s) :

Applied Standards:	Report No.:
IEC 61000-6-1:2016; IEC 61000-6-3:2006+AMD1:2010; IEC 61000-3-11:2017; IEC 61000-3-12:2011 (IEC 61000-4-2; IEC 61000-4-3; IEC 61000-4-4 IEC 61000-4-5; IEC 61000-4-6; IEC 61000-4-8; IEC 61000-4-34)	BL-DG2050762-402



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