

## Certificate of Conformity

Certificate Number: CN-PV-200096

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: MOD 3000TL3-X, MOD 4000TL3-X, MOD 5000TL3-X, MOD 6000TL3-X, MOD

7000TL3-X, MOD 8000TL3-X, MOD 9000TL3-X, MOD 10KTL3-X, MOD 11KTL3-X,

MOD 12KTL3-X, MOD 13KTL3-X, MOD 15KTL3-X

Brand Name: Growatt

**Tested according to:** EN 50549-1: February 2019

Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to

and including Type B

Compliant with COMMISSION REGULATION(EU)2016/631(NC RfG)

Type approval for type B

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:** 

200427169GZU-001

Additional information in Appendix.

Signature

**Certification Manager: Grady Ye** 

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Date: 28 July 2020



## **APPENDIX: Certificate of Conformity**

This is an Appendix to Certificate of Conformity Number: CN-PV-200096

Ratings & Principle Characteristics:

Model	MOD 3000TL3-X	MOD 4000TL3-X	MOD 5000TL3-X	MOD 6000TL3-X	
Max. PV voltage	1100Vdc				
PV voltage range	140 – 1000Vdc				
PV Isc	2*16A				
Max. input current	2*13A				
Max. output power	3000W	4000W	5000W	6000W	
Max. apparent power	3300VA	4400VA	5500VA	6600VA	
Nominal output voltage	3W/N/PE 230/400Vac				
Max. output current	5.0A	6.7A	8.3A	10.0A	
Nominal output frequency	50Hz				
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				



## **APPENDIX: Certificate of Conformity**

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Ratings & Principle Characteristics:

Model	MOD 7000TL3-X	MOD 8000TL3-X	MOD 9000TL3-X	MOD 10KTL3-	
Max. PV voltage	1100Vdc				
PV voltage range	140 – 1000Vdc				
PV Isc	2*16A				
Max. input current	2*13A				
Max. output power	7000W	8000W	9000W	10000W	
Max. apparent power	7700VA	8800VA	9900VA	11000VA	
Nominal output voltage	3W/N/PE 230/400Vac				
Max. output current	11.7A	13.3A	15.0A	16.7A	
Nominal output frequency	50Hz				
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				



## **APPENDIX: Certificate of Conformity**

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Ratings & Principle Characteristics:

	Model	MOD 11KTL3-	MOD 12KTL3-	MOD 13KTL3-	MOD 15KTL3-	
	Max. PV voltage	1100Vdc				
	PV voltage range	140 – 1000Vdc				
	PV Isc	2*16A	16/32A			
	Max. input current	2*13A	13/26A			
	Max. output power	11000W	12000W	13000W	15000W	
	Max. apparent power	12100VA	13200VA	14300VA	16500VA	
	Nominal output voltage		3W/N/PE 230/400Vac			
	Max. output current	18.3A	20.0A	21.7A	25.0A	
	Nominal output frequency	50Hz				
	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				