

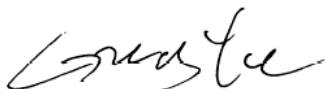
# Certificate of Conformity

Certificate Number: CN-PV-200011

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 Name & Address:	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 Description:	PV Grid Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	Growatt 3000 TL3-S, Growatt 4000 TL3-S, Growatt 5000 TL3-S, Growatt 6000 TL3-S, Growatt 7000 TL3-S, Growatt 8000 TL3-S Growatt 9000 TL3-S, Growatt 10000 TL3-S, Growatt 11000 TL3-S
Brand Name:	Growatt
Specification/Standard:	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 Report Number:	200109126GZU-001

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 21 February 2020**

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200011

Ratings & Principle Characteristics:

Model	Growatt 8000 TL3-S	Growatt 9000 TL3-S	Growatt 10000 TL3-S	Growatt 11000 TL3-S	Growatt 7000 TL3-S
Input					
Max. PV Voltage:	1000Vdc				
Voltage range:	160-1000Vdc				
PV Isc:	16A/16A				
Output					
Nominal AC output voltage:	3W/N/PE 230Vac/400Vac				
Nominal frequency:	50 Hz				
Max power(VA):	8.8K	9.9K	11.0K	12.1K	7.7K
Max output current:	3*13.3A	3*15A	3*16.7A	3*18.3A	3*11.7A
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	dhaa0101				

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200011

Ratings & Principle Characteristics:

Model	Growatt 3000 TL3-S	Growatt 4000 TL3-S	Growatt 5000 TL3-S	Growatt 6000 TL3-S
Input				
Max. PV Voltage:	1000Vdc			
Voltage range:	140-1000Vdc			
PV Isc:	16A/16A			
Output				
Nominal AC output voltage:	3W/N/PE 230Vac/400Vac			
Nominal frequency:	50 Hz			
Max power(VA):	3.0K	4.0K	5.0K	6.0K
Max output current:	3*4.5A	3*6.1A	3*7.6A	3*9.1A
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	dhaa0101			

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