

# Certificate of Conformity

Certificate Number: CN-PV-200142R1

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.

<b>Applicant:</b>	Shenzhen Growatt New Energy Co., Ltd. 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China
<b>Product:</b>	PV Grid inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	MIC 600TL-X, MIC 750TL-X, MIC 800TL-X, MIC 1000TL-X, MIC 1500TL-X, MIC 2000TL-X, MIC 2500TL-X, MIC 3000TL-X, MIC 3300TL-X, MIC 600TL-X2, MIC 750TL-X2, MIC 800TL-X2, MIC 1000TL-X2, MIC 1500TL-X2, MIC 2000TL-X2, MIC 2500TL-X2, MIC 3000TL-X2, MIC 3300TL-X2
<b>Brand Name&lt;s&gt;:</b>	GROWATT
<b>Product Complies with:</b>	IEC/EN 62109-1:2010 (First Edition) Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements IEC/EN 62109-2:2011 Safety of Power Converter for use in Photovoltaic Power Systems Part 2: Particular requirements for inverters
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> 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
<b>Test Report No.&lt;s&gt;:</b>	230403060GZU-003, issued date on 18 Oct 2023 230403060GZU-004, issued date on 18 Oct 2023

Replaces certificate CN-PV-200142 dated 29 October 2020

Additional information in Appendix.



Signature

**Certification Manager: Grady Ye**  
**Date: 19 October 2023**



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200142R1

Model	MIC 600TL-X	MIC 750TL-X	MIC 800TL-X	MIC 1000TL-X
Max.PV voltage	500Vdc			
PV voltage range	50V – 500Vdc			
Max.input current	13A			
PV Isc	16A			
Nominal output voltage	230Vac			
Nominal output Frequency	50/60Hz			
Max.output current	2.9A	3.6A	3.8A	4.8A
Max.output power	600W	750W	800W	1000W
Max.apparent power	600VA	750VA	800VA	1000VA
Power factor range	0.8Leading ...0.8 lagging			
Safety level	Class I			
Ingress Protection	IP 65			
Operation Ambient Temperature	-25°C ... +60°C			
Software Version	GH1.0			

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Model	MIC 1500 TL-X	MIC 2000 TL-X	MIC 2500 TL-X	MIC 3000 TL-X	MIC 3300 TL-X
Max.PV voltage	500Vdc		550Vdc		
PV voltage range	50-500Vdc		65-550Vdc		
Max.input current	13A				
PV Isc	16A				
Nominal output voltage	230Vac				
Nominal output Frequency	50/60Hz				
Max.output current	1500W	2000W	2500W	3000W	3300W
Max.output power	1500 VA	2000 VA	2500 VA	3000 VA	3300 VA
Max.apparent power	7.1A	9.5A	11.9A	14.3A	14.3A
Power factor range	0.8Leading – 0.8 lagging				
Safety level	Class I				
Ingress Protection	IP 65				
Operation Ambient Temperature	-25°C - +60°C				
Software version	GH1.0				

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Model	MIC 600TL-X2	MIC 750TL-X2	MIC 800TL-X2	MIC 1000TL-X2	MIC 1500TL-X2
Input					
Max. DC input Voltage	500Vdc				
DC input range	50-500Vdc				
Max. input current	16A				
Max. short-circuit current	24A				
Output					
Nominal AC output voltage	230Vac				
Nominal frequency	50/60Hz				
Nominal output power:	600W	750W	800W	1000W	1500W
Max apparent power	600VA	750VA	800VA	1000VA	1500VA
Max AC output current	2.9A	3.6A	3.8A	4.8A	7.1A
Power factor	0.8 Leading to 0.8 Lagging				
Ingress protection	IP66				
Protection Class	Class I				
Operation Ambient Temp	-30°C to +60°C				
Software Version	GH1.0				

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Model	MIC 2000TL-X2	MIC 2500TL-X2	MIC 3000TL-X2	MIC 3300TL-X2
Input				
Max. DC input Voltage	500Vdc	550Vdc		
DC input range	50-500Vdc	50-550Vdc		
Max. input current	16A			
Max. short-circuit current	24A			
Output				
Nominal AC output voltage	230Vac			
Nominal frequency	50/60Hz			
Nominal output power:	2000W	2500W	3000W	3300W
Max apparent power	2000VA	2500VA	3000VA	3300VA
Max AC output current	9.5A	11.9A	14.3A	14.3A
Power factor	0.8 Leading to 0.8 Lagging			
Ingress protection	IP66			
Protection Class	Class I			
Operation Ambient Temp	-30°C to +60°C			
Software Version	GH1.0			

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