

DICHIARAZIONE DI CONFORMITÀ ALLA NORMA CEI0-21

I seguenti generatori rispettano le prescrizioni della norma CEI 0-21: 2022-03 + V1: 2022-11					
Costruttore	Shenzhen Growatt New Energy Co., Ltd 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China				
Tipo apparecchiatura	Inverter solari per sistemi fotovoltaici; (v. RdP All. B)				
Marca	Growatt				
Numero fasi	Monofase Frequenza: 50 Hz Tensione: 230 Vac				
Modello del generatore	MIC 600TL-X	MIC 750TL-X	MIC 800TL-X	MIC 1000TL-X	MIC1500TL-X
Potenza Nominale	600 W	750 W	800 W	1000 W	1500 W
Modello del generatore	MIC 2000TL-X	MIC 2500TL-X	MIC 3000TL-X	MIC3300TL-X	
Potenza Nominale	2000 W	2500 W	3000 W	3300 W	
Il generatore	È idoneo per installazione in impianti con potenza fino a 11,08 kW è in grado di limitare la I _{dc} allo 0,5% della corrente nominale Utilizza una funzione di protezione sensibile alla corrente continua				
Caratteristiche del sistema di protezione di interfaccia					
Costruttore	Shenzhen Growatt New Energy Co., Ltd				
Modello del generatore	MIC 600TL-X	MIC 750TL-X	MIC 800TL-X	MIC 1000TL-X	MIC1500TL-X
Modello del generatore	MIC 2000TL-X	MIC 2500TL-X	MIC 3000TL-X	MIC3300TL-X	
Tipo	Integrata				
Caratteristiche del convertitore statico					
Modello del convertitore statico	MIC 600TL-X	MIC 750TL-X	MIC 800TL-X	MIC 1000TL-X	MIC1500TL-X
Potenza nominale del convertitore	600 W	750 W	800 W	1000 W	1500 W

深圳古瑞瓦特新能源有限公司
Shenzhen Growatt New Energy Co.,Ltd

Modello del convertitore statico	MIC 2000TL-X	MIC 2500TL-X	MIC 3000TL-X	MIC3300TL-X	
Potenza nominale del convertitore	2000 W	2500 W	3000 W	3300 W	
Costruttore del convertitore statico	Shenzhen Growatt New Energy Co., Ltd				
Versione FW	GH 1.0 e superiori				

2. Riferimenti dei laboratori che hanno eseguito le prove e dei relativi fascicoli di prova:

Fascicoli di prova n.	230403060GZU-005
Emessi da	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Accreditamento	ACCREDIA, PRD N° 306B

3. Dichiarazione di conformità alle prescrizioni CEI 0-21: 2022-03 + V1: 2022-11

Con la presente dichiarazione, resa ai sensi degli artt. 46 e 47 DPR 28 dicembre 2000, n. 445, consapevole delle responsabilità e delle sanzioni penali previste dall'art. 76 del citato DPR per false attestazioni e dichiarazioni mendaci, il sottoscritto Liangcai Wu residente in Shenzhen (Cina), in qualità di CTO e vicepresidente della società **Shenzhen Growatt New Energy Co., Ltd.** con sede in 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China, Numero di registrazione 91440300570039265Y

DICHIARA

che gli inverter di propria costruzione di cui al precedente punto 1, sono conformi alle prescrizioni della norma **CEI 0-21: 2022-03 + V1: 2022-11**

Si attesta inoltre che la produzione delle apparecchiature oggetto di questa dichiarazione avviene in regime di qualità secondo ISO 9001:2015.

Shenzhen Growatt New Energy Co., Ltd.

Shenzhen, P.R. China , lì 02/01/2024

Firma del dichiarante
Liangcai Wu & Vice President



Certificate of Conformity

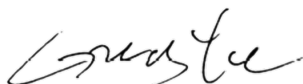
Certificate Number: CN-PV-200152R2

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:	Static generator (PV Grid Inverter)
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	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
Brand Name<s>:	GROWATT
Product Complies with:	CEI 0-21:2022-03 + V1:2022-11 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>:	230403060GZU-005 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Replaces certificate CN-PV-200152R1, dated 10 November 2022

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 02 June 2023



PRD N° 306B

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-200152R2.

Model	MIC 600TL-X	MIC 750TL-X	MIC 800TL-X	MIC 1000TL-X
Input				
Max. DC input Voltage:	500Vdc			
Max. input current:	13A			
PV Isc	16A			
DC input range:	50-500Vdc			
Output				
Nominal AC output voltage:	230Vac			
Nominal frequency:	50Hz			
Nominal output power:	600W	750W	800W	1000W
Max apparent power	600VA	750VA	800VA	1000VA
Max AC output current:	2.9A	3.6A	3.8A	4.8A
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	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
Input					
Max. DC input Voltage:	500Vdc		550Vdc		
Max. input current:	13A				
PV Isc	16A				
DC input range:	50-500Vdc		65-550Vdc		
Output					
Nominal AC output voltage:	230Vac				
Nominal frequency:	50Hz				
Nominal output power:	1500W	2000W	2500W	3000W	3300W
Max apparent power	1500VA	2000VA	2500VA	3000VA	3300VA
Max AC output current:	7.1A	9.5A	11.9A	14.3A	14.3A
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	GH1.0				

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APPENDIX: Certificate of Conformity

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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	50Hz				
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	50Hz			
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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TYPE OF APPARATUS:

(the static converters in systems with capacity up to 11.08 kW)

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

Remark:

- 1, The devices are capable to limit I_{dc} to 0.5% of the rated grid current
- 2, Having examined the ISO 9001 certificate of the manufacturer No: 02421Q32012223R0M issued by:
UNIVERSAL CERTIFICATION CENTRE CO., LTD

