Dichiarazione di Conformità del Generatore

I seguenti convertitori rispettano le prescrizioni della norma CEI 0-21: 2022-03 +V1: 2022-11

Sez. A

Costruttore	**Shenzen 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 - Convertitore Statico								
Marca	**GROWATT**								
N. fasi	☒ Monofase	☐ Trifase	Frequenza: 50 Hz	Tensione: 230/400 VAC					
Energia primaria utilizzata	☒ Solare (v. RdP All. B)	☐ Accumulo (v. RdP All. Bbis)	☐ Eolico (v. RdP All. B/Bter)						
	☐ Idroelettrico (v. RdP All. B/Bter)	☐ CHP (v. RdP All. B/Bter)	☐ Altro:						
Modello del generatore	**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 3300 TL-X2**
Potenza nominale	600W	750W	800W	1000W	1500W	2000W	2500W	3000W	3300W
Il generatore:	☒ E' idoneo per installazione in impianti con potenza superiore a 11,08 kW								
	☒ E' in grado di limitare la Idc allo 0,5% della corrente nominale								
	☒ Utilizza una funzione di protezione sensibile alla corrente continua								
	☐ Utilizza un trasformatore operante alla frequenza di rete								

Sez. B

Caratteristiche del sistema di protezione di interfaccia									
Costruttore	Shenzen Growatt New Energy Co., Ltd								
Modello	**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 3300 TL-X2**
Tipo	☒	Integrata			☐	Non integrata			

Sez. C

Caratteristiche del convertitore statico									
Modello del convertitore statico	**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 3300 TL-X2**
Costruttore del convertitore statico	Shenzen Growatt New Energy Co., Ltd								
Versione firmware	GH1.0 e superiori								
Potenza nominale convertitore (PNINV)	600W	750W	800W	1000W	1500W	2000W	2500W	3000W	3300W

Sez. I	**Riferimenti dei laboratori che hanno eseguito le prove e dei relativi rapporti di prova (RdP)**				
	Metodo prescelto	☒	Prove eseguite da laboratorio accreditato	☐	Prove eseguite sotto la sorveglianza di un ente certificatore
	N. rapporto di prova	230403060GZU-005			
	Emessi da	**Intertek Testing Services Shenzhen Ltd. Guangzhou Branch – Accredited by IAS (TL 395) – ISO/IEC 17025:2017**			
	N. accreditamento	PRD N° 306B			
	Rif. ente accreditamento	ACCREDIA (ISO/IEC 17065:2012)			

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 021: 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 20/09/2025

Firma del dichiarante

Liangcai Wu / Vice President

requests all civil and military authorities of foreign countries to allow the bearer of this passport to pass freely and afford assistance in case of need.

中华人民共和国
护 照
PASSPORT

PEOPLE'S REPUBLIC OF CHINA

类型/Type P
国家码/Country Code CHN
护照号码/Passport No. EB0175010

姓名/Name
吴良材
WU, LIANGCAI

性别/Sex 男/M
国籍/Nationality 中国/CHINESE
出生日期/Date of birth 25 JAN 1981
出生地点/Place of birth 福建/FUJIAN
签发日期/Date of issue 29 8月/AUG 2017
签发地点/Place of issue 广东/GUANGDONG
有效期至/Date of expiry 28 8月/AUG 2027
签发机关/Authority 公安部出入境管理局 MPS Exit & Entry Administration
持照人签名/Bearer's signature 吴良材

111396942X

P<CHNWU<<LIANGCAI<<<<<<<<<<<<<<<<<<<<<<<<<<<<
EB0175010<CHN8101257M2708285M00CMBLMLCMEA966

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, 2nd 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℃ to +60℃			
Software Version	GH1.0			

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200152R2.

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℃ to +60℃				
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℃ to +60℃				
Software Version	GH1.0				

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200152R2.

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℃ to +60℃			
Software Version	GH1.0			

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200152R2.

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
☒	☒	☒	

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

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