

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 | Trifase Frequenza: 50 Hz Tensione: 400 Vac |
| Modello del generatore | MID 50K TL3-X2 |
| Potenza Nominale | 50 kW |
| Il generatore | È idoneo per installazione in impianti con potenza superiore a 11,08 kW è in grado di limitare la Idc 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 | MID 50K TL3-X2 |
| Tipo | Non integrata |
| Caratteristiche del convertitore statico | |
| Modello del convertitore statico | MID 50K TL3-X2 |
| Costruttore del convertitore statico | Shenzhen Growatt New Energy Co., Ltd |
| Versione FW | DM 1.0 e superiori |
| Potenza nominale del convertitore | 50 kW |

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

| | |
|------------------------------|--|
| Fascicoli di prova n. | 221226019GZU-001 |
| Emessi da | Intertek Testing Services Shenzhen Ltd. Guangzhou Branch |
| Accreditamento | ACCREDIA, PRD N° 306B |

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

Add 深圳市宝安区西乡街道固兴社区航城大道
中德欧产业示范园A栋A401,4--13楼

4-13/F, Building A, Sino-German (Europe) Industrial Park,
Hangcheng Ave, Bao'an District, Shenzhen, China

Tel 0755 2951 5888 Web www.ginverter.com
Fax 0755 2747 2131 Email info@ginverter.com

3. Dichiarazione di conformità alle prescrizioni CEI0-21: 2022-03

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



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

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护照号码/Passport No

CHN

EB0175010

姓名/Name

吴良材
WU, LIANGCAI

性别/Sex

国籍 / Nationality

出生日期/Date of birth

男/M

中國/CHINESE

25 JAN 1981

出生地点/Place of birth

签发日期 / Date of issue

福建/FUJIAN

29 8月/AUG 2017

签发地点/Place of issue

有效期至/Date of expiry

广东/GUANGDONG

28 8月/AUG 2027

签发机关/Authority

持照人簽名 / Bearer's signature

公安部出入境管理局

MPS Exit & Entry Administration

吳良材

111396942X

POCHNWU<<LIANGCAI<<<<<<<<<<<<<<<<<<<<<<<
EB01750107CHN8101257M2708285M00CMBMLCM EA966

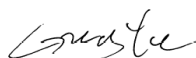
Certificate of Conformity

Certificate Number: CN-PV-230146

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: | PV Grid Inverter |
| Ratings & Principle Characteristics: | See appendix of Certificate of Conformity |
| Model: | MID 17KTL3-X2, MID 20KTL3-X2, MID 25KTL3-X2, MID 30KTL3-X2, MID 30KTL3-X2-1, MID 33KTL3-X2, MID 36KTL3-X2, MID 40KTL3-X2, MID 50KTL3-X2 |
| Brand Name<s>: | GROWATT |
| Product Complies with: | CEI 0-21:2022-03 + V1:2022-11: Reference technical rules for the 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>: | 221226019GZU-001 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017 |

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 04 April 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-230146.

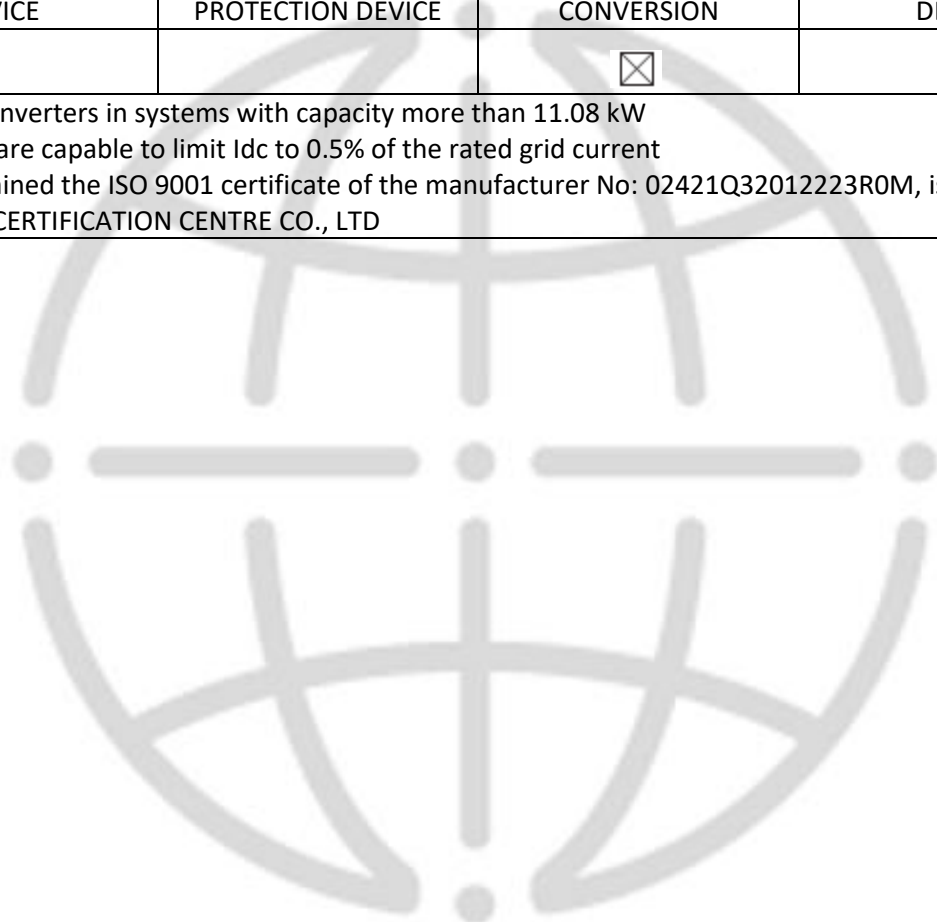
| Model | MID 17KTL3- X2 | MID 20KTL3- X2 | MID 25KTL3- X2 | MID 30KTL3- X2 | MID 30KTL3- X2-1 | MID 33KTL3- X2 | MID 36KTL3- X2 | MID 40KTL3- X2 | MID 50KTL3- X2 |
|---|-------------------------------------|----------------------|----------------------|----------------------|------------------------|----------------------|----------------------|----------------------|----------------------|
| Max. DC voltage | 1100Vdc | | | | | | | | |
| MPP voltage range | 200-1000Vdc | | | | | | | | |
| Full Load MPP voltage range | 420-850Vdc | | 480-850Vdc | | 400-850Vdc | | | 450-850Vdc | |
| No. of MPP trackers | 2 | | | | 3 | | | 4 | |
| No. of PV strings per MPP trackers | 2/2 | | | 2/3 | 2/2/2 | | | 2/2/2/2 | |
| Max. input current per MPP trackers [A] | 32/32 | | 32/36 | 32/48 | 32/32/32 | | | 32/32/32/32 | |
| Max. short-circuit current per MPP trackers [A] | 40/40 | | 40/45 | 40/60 | 40/40/40 | | | 40/40/40/40 | |
| AC rated power [KW] | 17 | 20 | 25 | 30 | 30 | 33 | 36 | 40 | 50 |
| Max. AC apparent power [KVA] | 18.8 | 22.2 | 27.7 | 33.3 | 30.0 | 36.6 | 40.0 | 44.4 | 55.5 |
| Rated AC voltage | 3W/N/PE, 230V/400V | | | | | | | | |
| AC grid frequency | 50/60Hz | | | | | | | | |
| Rated AC output current [A] | 24.6 | 29.0 | 36.2 | 43.5 | 43.5 | 47.8 | 52.2 | 58.0 | 72.5 |
| Max. output current [A] | 28.6 | 33.6 | 42.0 | 50.5 | 45.5 | 55.5 | 60.6 | 67.3 | 84.1 |
| Adjustable power factor | 0.8Leading ...0.8Lagging | | | | | | | | |
| Operating temperature range | -25°C ... +60°C (>45°C Derating) | | | | | | | | |
| Protection degree | IP66 | | | | | | | | |
| Software Version | DM1.0 | | | | | | | | |

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| | | | |
|---|--------------------------------|-------------------------------------|------------------------------|
| TYPE OF APPARATUS: PV Grid Inverter | | | |
| Number of phases: three-phase | | | |
| DISCONNECTION DEVICE | INTERFACE PROTECTION DEVICE | DEVICE FOR CONVERSION | ROTATING GENERATOR DEVICE |
| | | <input checked="" type="checkbox"/> | |
| <p>The static converters in systems with capacity more than 11.08 kW The devices are capable to limit Idc to 0.5% of the rated grid current Having examined the ISO 9001 certificate of the manufacturer No: 02421Q32012223R0M, issued by: UNIVERSAL CERTIFICATION CENTRE CO., LTD</p> | | | |



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