

## DICHIARAZIONE DI CONFORMITÀ alla norma CEI0-21:2019-04

1. Tipologia di Apparecchiatura cui si riferisce la dichiarazione			
<b>Costruttore Manufacturer</b>	<b>Shenzhen Growatt New Energy Co., LTD</b> 2F and 3F, Building 4, Jiayu Company Industrial Park, Xibianling, Shangyu Village, Shiyan Street, Bao'an District, Shenzhen, China		
<b>Tipo apparecchiatura Product Type</b>	Dispositivo di conversione statica	Dispositivo d Interfaccia	Protezione di Interfaccia
	SI	NO	NO

Modello Model	MID 10KTL3-X	MID 12KTL3-X	MID 15KTL3-X	MID 17KTL3-X	MID 20KTL3-X	MID 22KTL3-X	MID 25KTL3-X
<b>Versione FW Software release</b>	TJ1.0						
<b>Numero fasi</b>	3 (Trifase)						
<b>Potenza nominale Power Rating</b>	10000 W	12000 W	15000 W	17000 W	20000 W	22000 W	25000 W
<b>Nota</b>	Il dispositivo è in grado di limitare la I <sub>dc</sub> allo 0,5% della corrente nominale.						

1. Riferimenti dei laboratori che hanno eseguito le prove e dei relativi fascicoli di prova:	
<b>Fascicoli di prova n. Test report number.</b>	201211038GZU-001
<b>(Issued by ) Emessi da</b>	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
<b>Accreditamento Accreditation</b>	CNAS L0220

2. Dichiarazione di conformità alle prescrizioni CEI 0-21: 2019-04
<p>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 Bao'an, nel comune di Guangdong provincia Di Shenzhen (Cina), in qualità di rappresentante legale della società <b>Shenzhen Growatt New Energy Co., LTD</b> con sede legale in 2F and 3F, Building 4, Jiayu Company Industrial Park, Xibianling, Shangyu Village, Shiyan Street, Bao'an District, Shenzhen, China, P.IVA 440300570039265, iscritta al registro delle imprese della pretura di Shenzhen (Cina), con Numero di registrazione 440306105229852</p> <p style="text-align: center;"><b>DICHIARA</b></p> <p>che gli inverter di propria costruzione di cui al precedente punto 1, sono conformi alle prescrizioni della norma <b>CEI 0-21: 2019-04</b></p> <p>Si attesta inoltre che la produzione delle apparecchiature oggetto di questa dichiarazione avviene in regime di qualità secondo ISO 9001:2015 (UCS –Universal Certification Service Co., Ltd., certificato N° UKQ1809003R2 del 04/09/2018 )</p>

**Shenzhen Growatt New Energy Co., LTD (\*)**

Shenzhen, P.R. China, li 01/05/2021

Firma del dichiarante.  
**Liangcai Wu & Vice President**

# Certificate of Conformity

Certificate Number: CN-PV-210076

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. 2F and 3F, Building 4, Jiayu Company Industrial Park, Xibianling, Shangyu Village, Shiyuan Street, 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>	MID 10KTL3-X, MID 12KTL3-X, MID 15KTL3-X, MID 17KTL3-X, MID 20KTL3-X, MID 22KTL3-X, MID 25KTL3-X
<b>Brand Name&lt;s&gt;:</b>	GROWATT
<b>Tested according to:</b>	CEI 0-21:2019-04: Reference technical rules for connection of active and passive users to the LV electrical Utilities Type approval for Type B
<b>Certificate Issuing Office Name &amp; Address:</b>	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 China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
<b>Test Report No.&lt;s&gt;:</b>	201211038GZU-001

Certification procedure: SMS-PV-OP-19  
Product certification scheme type: Type test  
Additional information in Appendix.



Signature

**Certification Manager: Grady Ye**  
**Date: 23 April 2021**



中国认可  
产品  
**PRODUCT**  
**CNAS C058-P**

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-210076

MODEL	MID 10KTL3-X	MID 12KTL3-X	MID 15KTL3-X	MID 17KTL3-X
Max PV voltage	1100 Vdc			
Voltage range	160-1000 Vdc			
Max. input current	2x27A			
PV Isc	2x33.8A			
Output voltage	3W/N/PE 230Vac/400Vac			
Nominal Frequency	50Hz			
Max output current	16.0A	19.3A	24.2A	27.4A
Max output power (KW)	10.0	12.0	15.0	17.0
Max. apparent power (KVA)	11.1	13.3	16.6	18.8
Power Factor	0.8 Leading to 0.8 Lagging			
Ambient Temperature	-25 °C - +60 °C			
Protection Degree	IP65			
Protection Class	Class I			
Software Version	TJ1.0			
MODEL	MID 20KTL3-X	MID 22KTL3-X	MID 25KTL3-X	
Max PV voltage	1100 Vdc			
Voltage range	160-1000 Vdc			
Max. input current	2x27A		27/40.5A	
PV Isc	2x33.8A		33.8/50.7A	
Output voltage	3W/N/PE 230Vac/400Vac			
Nominal Frequency	50Hz			
Max output current	31.9A	35.5A	40.2A	
Max output power (KW)	20.0	22.0	25.0	
Max. apparent power (KVA)	22.0	24.4	27.7	
Power Factor	0.8 Leading to 0.8 Lagging			
Ambient Temperature	-25 °C - +60 °C			
Protection Degree	IP65			
Protection Class	Class I			
Software Version	TJ1.0			

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**Verification of certificate with test report: 201211038GZU-001**

TYPE OF APPARATUS:

(The static converters in systems with capacity more than 11.08 kW)

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

Manufacturer: Shenzhen Growatt New Energy Co., Ltd.

Apparatus type: PV Grid inverter

Model: MID 10KTL3-X, MID 12KTL3-X, MID 15KTL3-X, MID 17KTL3-X,  
MID 20KTL3-X, MID 22KTL3-X, MID 25KTL3-X

Brands: GROWATT

Firmware Version: TJ1.0

Number of phases: Three-phase

Nominal power: See certificate for each model

Remark: The devices are capable to limit  $I_{dc}$  to 0.5% of the rated grid current

Having assessed the test report 201211038GZU-001 issued by laboratory:

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science  
City, CETDD, Guangzhou, Guangdong, China

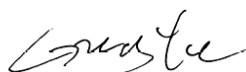
In compliant with ISO/IEC 17025:2017

Accreditation number: CNAS L0220

Having examined the ISO 9001 certificate of the manufacturer No: U0019Q50075RIM issued by:

UNIVERSAL CERTIFICATION CENTRE CO., LTD

The indicated product complies with CEI 0-21:2019-04: Reference technical rules for the connection of  
active and passive users to the LV electrical Utilities



**Signature**

**Name: Grady Ye**

**Date: 23 Apr 2021**

