

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

1. Tipologia di Apparecchiatura cui si riferisce la dichiarazione						
Costruttore Manufacturer	Shenzhen Growatt New Energy technology Co., LTD 1 st East & 3 rd Floor of Building A, Building B, Jiayu Industrial Park, #28 GuangHui Road, LongTeng Community, Shiyang Street, Baoan District, Shenzhen P.R.China					
Tipo apparecchiatura Product Type	Dispositivo di conversione statica		Dispositivo d Interfaccia		Protezione di Interfaccia	
	SI		NO		NO	
Modello Model	Growatt 17000 TL3-S	Growatt 20000 TL3-S	Growatt 25000 TL3-S	Growatt 30000 TL3-S	Growatt 33000 TL3-S	Growatt 40000 TL3-NS
Versione FW Software release	TH1.0					
Numero fasi	3 (Trifase)					
Potenza nominale Power Rating (kW)	17	20	25	30	33	40
Nota	Il dispositivo è in grado di limitare la I _{dc} allo 0,5% della corrente nominale.					

2. Riferimenti dei laboratori che hanno eseguito le prove e dei relativi fascicoli di prova:	
Fascicoli di prova n. Test report number.	191009036GZU-001
(Issued by) Emessi da	Intertek Testing Services Ltd. Shenzhen
Accreditamento Accreditation	CNAS L0220

3. Dichiarazione di conformità alle prescrizioni CEI0-21:2019-04
<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 Shenzhen Growatt New Energy technology Co., LTD con sede legale in 1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28 GuangHui Road, LongTeng Community, Shiyang Street, Baoan District, Shenzhen, P.R.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;">DICHIARA</p> <p>che gli inverter di propria costruzione di cui al precedente punto 1, sono conformi alle prescrizioni della norma CEI 0-21: 2019-04</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 03/09/2021)</p>

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

Shenzhen, P.R. China, lì 31/10/2019

Firma del dichiarante.

Liangcai Wu & vice President



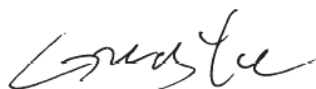
Certificate of Conformity

Certificate Number: CN-PV-190033

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specification/standard at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant Name & Address:	Shenzhen Growatt New Energy Technology Co.,Ltd 1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28, GuangHui Road, LongTeng Community, Shiyan Street, Baoan District, Shenzhen, P.R.China
Product Description:	Grid-connected PV Inverter
Ratings & Principle Characteristics:	See appendix for more parameter details.
Models/Type References:	Growatt 17000TL3-S, Growatt 20000TL3-S, Growatt 25000TL3-S, Growatt 30000TL3-S, Growatt 33000TL3-S, Growatt 40000TL3-NS Firmware Version: TH1.0 Number of phases: three-phase Nominal Power: See page 2 for details
Brand Name:	Growatt
Tested according to:	CEI 0-21:2019-04: 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 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China Accredited by China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
Test Report Number:	191009036GZU-001

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



Signature
Certification Manager: Grady Ye
Date: 18 October 2019



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-190033

Model	Growatt 17000TL3-S	Growatt 20000TL3-S	Growatt 25000TL3-S
Input (DC)			
Max. DC Voltage [V]	1000		
PV Voltage Range [V]	200-1000		
Max. DC Input Current [A]	37.5		
Short Circuit Current Isc [A]	48.0		
Output (AC)			
Rated AC Power [W] (@230V,50Hz)	17000	20000	25000
Max. AC Apparent Power [VA]	18800	22200	27700
Rated AC Current[A] (@230V,50Hz)	24.6	29.0	36.2
Max. AC Current [A]	27.5	32.2	40.3
Nominal AC voltage	3W/N/PE,230/400V		
Grid frequency	50Hz		
Power factor	0.8Leading ~ 0.8 Lagging		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - 60°C		
Software version	TH1.0		

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190033

Model	Growatt 30000TL3-S	Growatt 33000TL3-S	Growatt 40000TL3-NS
Input (DC)			
Max. DC Voltage [V]	1000		
PV Voltage Range [V]	200-1000		
Max. DC Input Current [A]	2*34.0	2*38.0	
Short Circuit Current Isc [A]	64.0		
Output (AC)			
Rated AC Power [W] (@230V,50Hz)	30000	33000	40000
Max. AC Apparent Power [VA]	33300	36600	44400
Rated AC Current[A] (@230V,50Hz)	44.0	48.0	58.0
Max. AC Current [A]	48.3	53.0	64.5
Nominal AC voltage	3W/N/PE,230/400V		
Grid frequency	50Hz		
Power factor	0.8Leading ~ 0.8 Lagging		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - 60°C		
Software version	TH1.0		

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Verification of certificate with test report: 191009036GZU-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 Technology Co.,Ltd

Apparatus type: Grid-connected PV Inverter

Model: Growatt 17000TL3-S, Growatt 20000TL3-S, Growatt 25000TL3-S,
Growatt 30000TL3-S, Growatt 33000TL3-S, Growatt 40000TL3-NS

Firmware Version: TH1.0

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 191009036GZU-001 Issued by laboratory:

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD,
Guangzhou, China

In compliant with ISO/IEC 17025:2017


Accreditation number: CNAS L0220

Having examined the ISO 9001 certificate of the manufacturer No: UKQ1809003R2

Issued by:

UNIVERSAL CERTIFICATE CENTRE CO., LTD

The indicated products above are complied 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: 18 October 2019