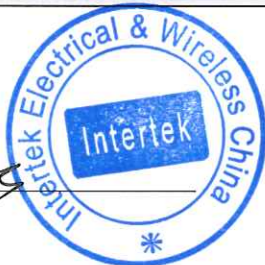


Test Verification of Conformity

In the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out.

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:	PV Grid inverter
Ratings & Principle Characteristics:	See Annex to Test Verification of Conformity
Models:	Growatt 30000TL3-S, Growatt 30000TL3-SE Growatt 33000TL3-S, Growatt 33000TL3-SE Growatt 40000TL3-NS, Growatt 40000TL3-NSE
Brand Name:	Growatt(logo)
Relevant Standards	See Annex to Test Verification of Conformity
Verification Issuing Office:	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
Date of Tests:	07 Nov 2016
Test Report Number(s):	161107106GZU-001

This verification is part of the full test report(s) and should be read in conjunction with them.




Signature

Name: Grady Ye
Position: Assistant Manager
Date: 08 Nov 2016

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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):
 161107106GZU-001. the issuing office is Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
 (Address: Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD,
 Guangzhou, China).

Ratings & Principle Characteristics:

MODEL	Growatt 30000TL3-S, Growatt 30000TL3-SE	Growatt 33000TL3-S, Growatt 33000TL3-SE	Growatt 40000TL3-NS, Growatt 40000TL3-NSE
PV Input			
Max PV voltage	1000Vdc		
Voltage range	200-1000Vdc		
MPPT voltage	450-800Vdc		540-800Vdc
Max input current	34A/34A	38A/38A	
PV Isc	64A/64A		
Output			
Max power	30KW	33KW	40KW
Output voltage	3W/N/PE 230Vac/400Vac		
Nominal Frequency	50Hz		
Power Factor	0.9 Leading to 0.9 Lagging		
Ambient Temperature	-25°C - +60°C		
Protection Degree	IP65		

Signature _____

Name: Grady Ye
 Position: Assistant Manager
 Date: 08 Nov 2016



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Guangzhou, China).

Relevant Standards:

IEC 60068-2-1:2007, Environmental testing – Part 2-1: Tests-
Test A: Cold

IEC 60068-2-2:2007, Environmental testing – Part 2-2: Tests-
Test B: Dry heat

IEC 60068-2-14:2009, Environmental testing – Part 2-14:
Tests- Test N: Change of temperature

IEC 60068-2-30:2005, Environmental testing – Part 2-30:
Tests- Test Db: Damp heat, cyclic(12h +12h cycle)

IEC 61683: 1999, Photovoltaic systems – Power conditioners
– Procedure for measuring efficiency

Signature



Name: Grady Ye
Position: Assistant Manager
Date: 08 Nov 2016

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