

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 Growatt 50000TL3-S, Growatt 50000TL3-SE
Brand Name:	Growatt(logo)
Relevant Standards	DIN V VDE V 0126-1-1:2013.08 Automatic disconnecting device
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:	16 Aug., 2016 – 14 Sep., 2016
Test Report Number(s):	160816043GZU-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: 27 Oct 2016

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Annex to Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):
 160816043GZU-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	Growatt 50000TL3- S, Growatt 50000TL3- SE
Max PV voltage	1000Vdc			
Voltage range	200-1000Vdc			
MPPT voltage	450-800Vdc		540- 800Vdc	645- 850Vdc
Max input current	34A/34A	38A/38A		
PV Isc	64A/64A			
Max power	33.3KVA	36.6KVA	44.4KVA	53.3KVA
Output voltage	3W/N/PE 230Vac/400Vac			3W/PE, 480Vac
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: 27 Oct 2016



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