

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-connected inverter
Ratings & Principle Characteristics:	See Annex to Test Verification of Conformity
Models:	GROWATT 5500MTL-S
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:	14 Jul 2016 – 24 Jul 2016
Test Report Number(s):	160706126GZU-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: 28 Jul 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):
160706126GZU-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 5500MTL-S
Max. DC input Voltage:	550Vdc
Max. input current:	15A/15A
DC input range:	70-550Vdc
Nominal AC output voltage:	230Vac
Nominal frequency:	50Hz
AC output power:	5000VA
Nominal AC output current:	21.8A
Power factor:	0.8Leading – 0.95Lagging
Ingress protection:	IP65
Protection Class:	Class I
Operation Ambient Temp.:	-25°C to +60°C



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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



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