Intertek Legal Entity: 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
Tel / Fax: 86-20-8213 9688/86-20-3205 7538

Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant CE mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.

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 paper
Models:	Growatt 8000 TL3-S Growatt 9000 TL3-S Growatt 10000 TL3-S Growatt 11000 TL3-S
Brand Name:	GROWATT
Relevant Standards/ Directive	EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011 EN 61000-6-2:2005, EN 61000-6-4:2007+A1:2011 EN 61000-3-2: 2014, EN 61000-3-3: 2013 EMC Directive 2014/30/EU
Verification Issuing Office:	Same as Legal Entity
Date of Tests:	20 Dec., 2016 to 30 Dec., 2016
Test Report Number(s):	161118015GZU-002: 15 March 2017

Note 1: This verification is part of the full test report(s) and should be read in conjunction with them.

Signature
Name: Jack Dai
Position: Team Leader
Date: 15 March 2017

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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Report Number(s): 161118015GZU-002**. 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).**

Ratings & Principle Characteristics:

Electrical Rating:

For model: Growatt 8000 TL3-S
DC input:
Max. PV Voltage: 1000Vdc; DC Voltage Range: 160-1000Vdc; MPPT Voltage Range: 360-850Vdc; PV Isc: 16A/16A
AC output:
Max. Apparent Power: 8.8kVA; Max Output Current: 3*13.3A; Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Fre-quency: 50Hz; Power Factor:0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

For model: Growatt 9000 TL3-S
DC input:
Max. PV Voltage: 1000Vdc; DC Voltage Range: 160-1000Vdc; MPPT Voltage Range: 400-850Vdc; PV Isc: 16A/16A
AC output:
Max. Apparent Power: 9.9kVA; Max Output Current: 3*15A; Nomi-nal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequency: 50Hz; Power Factor:0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

For model: Growatt 10000 TL3-S
DC input:
Max. PV Voltage: 1000Vdc; DC Voltage Range: 160-1000Vdc; MPPT Voltage Range: 450-850Vdc; PV Isc: 16A/16A
AC output:
Max. Apparent Power: 11kVA; Max Output Current: 3*16.7A; Nom-inal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Frequen-cy: 50Hz; Power Factor:0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

For model: Growatt 11000 TL3-S
DC input:
Max. PV Voltage: 1000Vdc; DC Voltage Range: 160-1000Vdc; MPPT Voltage Range: 450-850Vdc; PV Isc: 16A/16A
AC output:
Max. Apparent Power: 12.1kVA; Max Output Current: 3*18.3A; Nominal Output Voltage: 3W/N/PE 230Vac/400Vac; Nominal Fre-quency: 50Hz; Power Factor:0.8 Leading – 0.8 Lagging
Ambient Temperature: -25℃ - +60℃
IP65, Class I

Note 1: This annex is part of the Test Verification of Conformity and should be read in conjunction with it.

Signature
Name: Jack Dai
Position: Team Leader
Date: 15 March 2017