


# Test Verification of Conformity

Verification Number: 220308052GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

|   |   |
|---|---|
| Applicant Name & Address:                   | Shenzhen Growatt New Energy Co., Ltd.<br>4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China  |
| Product Description:                        | PV Grid inverter  |
| Models/Type References:                     | MAX 50KTL3-XL2, MAX 60KTL3-XL2, MAX 70KTL3-XL2, MAX 73KTL3-XL2, MAX 75KTL3-XL2, MAX 50KTL3-XL1, MAX 60KTL3-XL1, MAX 70KTL3-XL1, MAX 73KTL3-XL1, MAX 75KTL3-XL1  |
| Ratings & Principle Characteristics:        | See Appendix  |
| Brand Name:                                 | GROWATT   |
| Relevant Standards/Directives:              | EN 62920: 2017+A11:2020+A1:2021<br>EN 55011:2016+A1:2017+A11:2020+A2:2021<br>EN IEC 61000-3-11:2019<br>EN 61000-3-12:2011<br><br>EMC Directive 2014/30/EU   |
| Verification Issuing Office Name & Address: | Intertek Testing Services Shenzhen Ltd. Guangzhou Branch<br>Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China |
| Date of Tests:                              | 07 May 2022-30 May 2022   |
| Test Report Number(s):                      | 220308052GZU-001/002  |
| Additional information in Appendix.         |   |



**Signature**

**Name:** Sky Zhu

**Position:** Team Leader

**Date:** 29 July 2022

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220308052GZU-VOC001

Ratings & Principle  
Characteristics:

| Model                               | MAX<br>50KTL3-<br>XL2 | MAX<br>60KTL3-<br>XL2 | MAX<br>70KTL3-<br>XL2 | MAX<br>73KTL3-<br>XL2 | MAX<br>75KTL3-<br>XL2 |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Max.PV<br>voltage                   | 1100Vdc               |                       |                       |                       |                       |
| MPPT voltage                        | 180-850Vdc            |                       |                       |                       |                       |
| Max.input<br>current                | 8*45A                 |                       |                       |                       |                       |
| PV Isc                              | 8*56.5A               |                       |                       |                       |                       |
| Nominal<br>output voltage           | 3W/N/PE, 127/220Vac   |                       |                       |                       |                       |
| Nominal<br>output<br>Frequency      | 50/60Hz               |                       |                       |                       |                       |
| Max.output<br>current               | 144.3A                | 173.2A                | 183.7A                | 191.6A                | 196.9A                |
| Max. output<br>power                | 50KW                  | 60KW                  | 70KW                  | 73KW                  | 75KW                  |
| Max.<br>apparent<br>power           | 55KVA                 | 66KVA                 | 70KVA                 | 73KVA                 | 75KVA                 |
| Power factor<br>range               | 0.8Leading~0.8Lagging |                       |                       |                       |                       |
| Safety level                        | Class I               |                       |                       |                       |                       |
| Ingress<br>Protection               | IP 66                 |                       |                       |                       |                       |
| Operation<br>Ambient<br>Temperature | -30°C - +60°C         |                       |                       |                       |                       |
| Software<br>version                 | TN1.0                 |                       |                       |                       |                       |

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| Model                               | MAX<br>50KTL3-<br>XL1 | MAX<br>60KTL3-<br>XL1 | MAX<br>70KTL3-<br>XL1 | MAX<br>73KTL3-<br>XL1 | MAX<br>75KTL3-<br>XL1 |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Max.PV<br>voltage                   | 1100Vdc               |                       |                       |                       |                       |
| MPPT voltage                        | 180-850Vdc            |                       |                       |                       |                       |
| Max.input<br>current                | 10*32A                |                       |                       |                       |                       |
| PV Isc                              | 10*40A                |                       |                       |                       |                       |
| Nominal<br>output voltage           | 3W/N/PE, 127/220Vac   |                       |                       |                       |                       |
| Nominal<br>output<br>Frequency      | 50/60Hz               |                       |                       |                       |                       |
| Max.output<br>current               | 144.3A                | 173.2A                | 183.7A                | 191.6A                | 196.9A                |
| Max. output<br>power                | 50KW                  | 60KW                  | 70KW                  | 73KW                  | 75KW                  |
| Max.<br>apparent<br>power           | 55KVA                 | 66KVA                 | 70KVA                 | 73KVA                 | 75KVA                 |
| Power factor<br>range               | 0.8Leading~0.8Lagging |                       |                       |                       |                       |
| Safety level                        | Class I               |                       |                       |                       |                       |
| Ingress<br>Protection               | IP 66                 |                       |                       |                       |                       |
| Operation<br>Ambient<br>Temperature | -30°C - +60°C         |                       |                       |                       |                       |
| Software<br>version                 | TN1.0                 |                       |                       |                       |                       |



**Signature**

**Name: Sky Zhu**

**Position: Team Leader**

**Date: 29 July 2022**

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