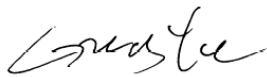


# Certificate of Conformity

Certificate Number: CN-PV-200142

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specifications /standards at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

|                                            |                                                                                                                                                                                                                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicant Name & Address:                  | Shenzhen Growatt New Energy Co., Ltd<br>2F and 3F, Building 4, Jiayu Company Industrial Park, Xibianling, Shangyu Village, Shiyan Street, Bao'an District, Shenzhen, China                                                                                            |
| Product Description:                       | PV Grid inverter                                                                                                                                                                                                                                                      |
| Ratings & Principle Characteristics:       | See Annex to Certificate of Conformity                                                                                                                                                                                                                                |
| Models/Type References:                    | MIC 600TL-X, MIC 750TL-X, MIC 1000TL-X, MIC1500 TL-X, MIC 2000TL-X, MIC 2500TL-X, MIC 3000TL-X, MIC 3300TL-X                                                                                                                                                          |
| Brand Name:                                | Growatt                                                                                                                                                                                                                                                               |
| Specification/Standard:                    | IEC/EN 62109-1:2010 (First Edition) Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements<br>IEC/EN 62109-2:2011 Safety of Power Converter for use in Photovoltaic Power Systems Part 2: Particular requirements for inverters |
| Certificate Issuing Office Name & Address: | Intertek Testing Services Ltd. Shanghai<br>West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China                                                                                                                |
| Test Report Number:                        | 200903138GZU-001, 200903138GZU-002                                                                                                                                                                                                                                    |
| Additional information in Appendix.        |                                                                                                                                                                                                                                                                       |



**Signature**

**Certification Manager: Grady Ye**

**Date: 29 October 2020**

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200142

Ratings & Principle Characteristics:

| Model                         | MIC 600TL-X              | MIC 750TL-X | MIC 1000TL-X | MIC 1500TL-X |
|-------------------------------|--------------------------|-------------|--------------|--------------|
| Max.PV voltage                | 500Vdc                   |             |              |              |
| PV voltage range              | 50V – 500Vdc             |             |              |              |
| Max.input current             | 13A                      |             |              |              |
| PV Isc                        | 16A                      |             |              |              |
| Nominal output voltage        | 230Vac                   |             |              |              |
| Nominal output Frequency      | 50/60Hz                  |             |              |              |
| Max.output current            | 2.9A                     | 3.6A        | 4.8A         | 7.1A         |
| Max.output power              | 600W                     | 750 W       | 1000 W       | 1500 W       |
| Max.apparent power            | 600VA                    | 750 VA      | 1000 VA      | 1500 VA      |
| Power factor range            | 0.8Leading – 0.8 lagging |             |              |              |
| Safety level                  | Class I                  |             |              |              |
| Ingress Protection            | IP 65                    |             |              |              |
| Operation Ambient Temperature | -25°C - +60°C            |             |              |              |
| Software Version              | GH1.0                    |             |              |              |

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-200142

Ratings & Principle Characteristics:

| Model                         | MIC<br>2000TL-X          | MIC<br>2500TL-X | MIC<br>3000TL-X | MIC<br>3300TL-X |
|-------------------------------|--------------------------|-----------------|-----------------|-----------------|
| Max.PV voltage                | 500Vdc                   | 550Vdc          |                 |                 |
| PV voltage range              | 50V – 500Vdc             | 65V – 550Vdc    |                 |                 |
| Max.input current             | 13A                      |                 |                 |                 |
| PV Isc                        | 16A                      |                 |                 |                 |
| Nominal output voltage        | 230Vac                   |                 |                 |                 |
| Nominal output Frequency      | 50/60Hz                  |                 |                 |                 |
| Max.output current            | 9.5A                     | 11.9A           | 14.3A           |                 |
| Max.output power              | 2000 W                   | 2500 W          | 3000 W          | 3300 W          |
| Max.apparent power            | 2000 VA                  | 2500 VA         | 3000 VA         | 3300 VA         |
| Power factor range            | 0.8Leading – 0.8 lagging |                 |                 |                 |
| Safety level                  | Class I                  |                 |                 |                 |
| Ingress Protection            | IP 65                    |                 |                 |                 |
| Operation Ambient Temperature | -25 °C - +60 °C          |                 |                 |                 |
| Software version              | GH1.0                    |                 |                 |                 |

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