

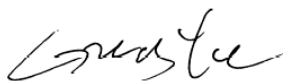
# Certificate of Conformity

Certificate Number: CN-PV-190062

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.

|   |   |
|---|---|
| <b>Applicant:</b>                                     | Shenzhen Growatt New Energy Technology Co.,Ltd<br>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 |
| <b>Product:</b>                                       | PV Grid inverter  |
| <b>Ratings &amp; Principle Characteristics:</b>       | See Appendix to Certificate of Conformity   |
| <b>Models:</b>  | Growatt 750-S, Growatt 1000-S, Growatt 1500-S, Growatt 2000-S, Growatt 2500-S, Growatt 3000-S, Growatt 3300-S   |
| <b>Brand Name:</b>                                    | Growatt   |
| <b>Tested according to:</b>                           | IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface<br>IEC 62116:2014 Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters             |
| <b>Certificate Issuing Office Name &amp; Address:</b> | Intertek Testing Services Ltd. Shanghai<br>2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China  |
| <b>Test Reports No:</b>                               | 191104041GZU-001, 191104041GZU-002  |

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 25 November 2019**

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190062.

Ratings & Principle Characteristics:

| Model                         | Growatt<br>750-S         | Growatt<br>1000-S | Growatt<br>1500-S | Growatt<br>2000-S |
|-------------------------------|--------------------------|-------------------|-------------------|-------------------|
| Max.PV voltage                | 450Vdc                   |                   |                   |                   |
| PV voltage range              | 50-450<br>Vdc            | 70-450Vdc         |                   |                   |
| Max.input current             | 11A                      | 10A               |                   | 11A               |
| PV Isc                        | 13.2A                    | 16A               |                   |                   |
| Nominal output voltage        | 230Vac                   |                   |                   |                   |
| Nominal output Frequency      | 50/60Hz                  |                   |                   |                   |
| Max.output current            | 3.6A                     | 4.7A              | 7.8A              | 9.5A              |
| Max.output power              | 750W                     | 1000W             | 1650W             | 2000W             |
| Max.apparent power            | 750VA                    | 1000VA            | 1650VA            | 2000VA            |
| 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              | G.1.8                    |                   |                   |                   |

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## APPENDIX: Certificate of Conformity

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Ratings & Principle Characteristics:

| Model                         | Growatt 2500-S           | Growatt 3000-S | Growatt 3300-S |
|-------------------------------|--------------------------|----------------|----------------|
| Max.PV voltage                | 500Vdc                   | 550Vdc         |                |
| PV voltage range              | 70-500 Vdc               | 70-550Vdc      |                |
| Max.input current             | 12A                      | 13A            |                |
| PV Isc                        | 16A                      |                |                |
| Nominal output voltage        | 230Vac                   |                |                |
| Nominal output Frequency      | 50/60Hz                  |                |                |
| Max.output current            | 11.9A                    | 14.3A          | 14.3A          |
| Max.output power              | 2500W                    | 3000W          | 3300W          |
| Max.apparent power            | 2500VA                   | 3000VA         | 3300VA         |
| 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              | G.1.8                    |                |                |

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