

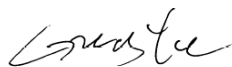
# Certificate of Conformity

Certificate Number: CN-PV-220183

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

|                                                       |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applicant:</b>                                     | Shenzhen Lux Power Technology Co., Ltd.<br>5th Floor, Building 11, Phase 3 of Yangbei Industrial Park, Huangtian Community, Hangcheng Street, Bao'an District, Shenzhen, China                                                                                                             |
| <b>Product:</b>                                       | Photovoltaic rapid shutdown system                                                                                                                                                                                                                                                         |
| <b>Ratings &amp; Principle Characteristics:</b>       | See appendix of Certificate of Conformity                                                                                                                                                                                                                                                  |
| <b>Model:</b>                                         | See appendix of Certificate of Conformity                                                                                                                                                                                                                                                  |
| <b>Brand Name&lt;s&gt;:</b>                           | LUXPOWERTEK                                                                                                                                                                                                                                                                                |
| <b>Product Complies with:</b>                         | UL 1741:2021 Ed.3 Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources<br>CSA C22.2#330:2017 Ed.1 Photovoltaic Rapid Shutdown Systems<br>National Electric Code, 2017 and 2020, section 690.12 requirement for rapid shutdown |
| <b>Certificate Issuing Office Name &amp; Address:</b> | Intertek Testing Services Ltd. Shanghai<br>West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road<br>China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China                                                                                                                      |
| <b>Test Report No.&lt;s&gt;:</b>                      | 210225117GZU-003                                                                                                                                                                                                                                                                           |

Additional information in Appendix.



Signature

**Certification Manager: Grady Ye**

**Date: 02 September 2022**

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220183.

| Attenuators                | Initiation                               | Inverter                                                                | System Ratings                                                                                                                                                                                                                               |
|----------------------------|------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RSD-S-PLC-A<br>RSD-S-PLC-B | Tramsmmitter-PLC<br>Integral to inverter | LUXPOWERTEK inverter:<br>LXP-LB-US 8K<br>LXP-LB-US 10K<br>LXP-LB-US 12K | 600Vdc maximum<br>system voltage;25A<br>maximum per input<br>current;34A max per<br>input short circuit<br>current;<br>Rapid shutdown time<br>within 30s on PV input<br>and AC output of<br>inverter<br>Initiated by the<br>emergency switch |

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.