

# Certificate of Conformity

Certificate Number: CN-PV-220183R1

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. 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 CSA C22.2#330:2017 Ed.1 Photovoltaic Rapid Shutdown Systems 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 West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
<b>Test Report No.&lt;s&gt;:</b>	230224079GZU-001

Replaces certificate No.CN-PV-220183.

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 19 April 2023**

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220183R1.

Attenuators	Initiation	Inverter	System Ratings
RSD-S-PLC-A RSD-S-PLC-B	Tramsmmitter-PLC Integral to inverter	LUXPOWERTEK inverter: LXP-LB-US 8K LXP-LB-US 10K LXP-LB-US 12K	600Vdc maximum system voltage;25A maximum per input current;34A max per input short circuit current; Rapid shutdown time within 30s on PV input and AC output of inverter Initiated by the emergency switch
TS4-A-F TS4-A-2F	RSS Transmitter DIN Rail Integral to inverter	LUXPOWERTEK inverter: LXP-LB-US 8K LXP-LB-US 10K LXP-LB-US 12K	600Vdc maximum system voltage;25A maximum per input current;34A max per input short circuit current; Rapid shutdown time within 30s on PV input and AC output of inverter Initiated by the emergency switch
TS4-A-S (Wireless)	CCA&TAP	LXP-LB-US 12K	600Vdc maximum system voltage;25A maximum per input current;34A max per input short circuit current; Rapid shutdown time within 30s on PV input and AC output of inverter Initiated by the emergency switch

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