


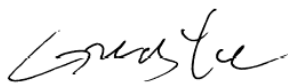
Certificate of Conformity

Certificate Number: CN-PV-200124

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 Lux Power Technology Co., LTD Room 301, Building B1, Weiye Innovation Industrial Zone, Nanchang Community, Xixiang Street, Baoan District, Shenzhen City, China
Product Description:	Hybrid Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	LXP-3K Hybrid, LXP-3.6K Hybrid, LXP-4K Hybrid, LXP-4.6K Hybrid, LXP-5K Hybrid
Brand Name:	
Specification/Standard:	EN 50549-1: February 2019, Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including Type A Compliant with COMMISSION REGULATION (EU) 2016/631 (NC RfG) Type approval for type A
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Test Report Number:	200618195GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 18 Sep 2020

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-200124

Ratings & Principle Characteristics:

Max. DC voltage: 550V
MPP voltage range: 120-500V
Max. DC short current (input A/ input B): 13.7A/ 13.7A
Max. DC current (input A/ input B): 12.5A/ 12.5A
Max. DC power: 6600W (for LXP-3K Hybrid), 7000W (for LXP-3.6K Hybrid, LXP-4K Hybrid), 8000W (for LXP-4.6K Hybrid, LXP-5K Hybrid)
Nominal AC voltage, Frequency: 230Vac, 50/60Hz
Max. continuous AC current: 15A (for LXP-3K Hybrid), 16A (for LXP-3.6K Hybrid), 20A (for LXP-4K Hybrid), 25A (for LXP-4.6K Hybrid, LXP-5K Hybrid)
Nominal AC power (@ $\cos\phi=1$): 3000W (for LXP-3K Hybrid), 3600W (for LXP-3.6K Hybrid), 4000W (for LXP-4K Hybrid), 4600W (for LXP-4.6K Hybrid), 5000W (for LXP-5K Hybrid)
Power factor at rated power: 1
Adjustable displacement factor range: 0.8 leading – 0.8 lagging
AC input nominal voltage, Frequency: 230Vac, 50/60Hz
AC input max. continuous current: 15A (for LXP-3K Hybrid, LXP-3.6K Hybrid), 20A (for LXP-4K Hybrid), 25A (for LXP-4.6K Hybrid, LXP-5K Hybrid)
AC input nominal power: 3000W (for LXP-3K Hybrid, LXP-3.6K Hybrid), 4000W (for LXP-4K Hybrid), 4600W (for LXP-4.6K Hybrid), 5000W (for LXP-5K Hybrid)
EPS nominal voltage, Frequency: 230Vac, 50/60Hz
EPS nominal output power: 3000W
EPS nominal current: 13A
Battery voltage operation voltage: 40 – 60Vdc
Max. charge and discharge current: 66A
Max. charge and discharge power: 3600W
Operating ambient temperature range: -25 to 60°C
Ingress protection: IP65
Protective Class: I
Software Version: AA1.0

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.