

Certificate of Conformity

Certificate Number: CN-PV-190006

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 403,4th Floor, Building 63, Zhongwu New Industrial Park, Zhongwu Community, Hangcheng Street, Baoan District, Shenzhen, China
Product Description:	Hybrid Inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	LXP 3K Hybrid, LXP 4K Hybrid, LXP 5K Hybrid
Brand Name:	
Specification/Standard:	NRS 097-2-1:2017 GRID INTERCONNECTION OF EMBEDDED GENERATION PART 2: SMALL-SCALE EMBEDDED GENERATION SECTION 1: UTILITY INTERFACE Type approval
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China
Test Report Number:	190624070GZU-001

Additional information in Appendix.



Signature

Name: Grady Ye

Position: Certifier

Date: 29 Aug 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-190006.

Ratings & Principle Characteristics:

Model	LXP 3K Hybrid	LXP 4K Hybrid	LXP 5K Hybrid
Max. PV Input Voltage	550V		
Max. PV current	10A/10A	11A/11A	11A/11A
Max. PV Isc	12.5A/12.5A	13.7A/13.7A	13.7A/13.7A
Battery Type	Lead-acid, Lithium-ion		
Battery Voltage Range	40-60V		
Max. Charging and discharging Current	66A		
Max. Charging & Discharging Power	3600W		
Nominal Grid voltage	230V		
Nominal Output Voltage (backup)	230V		
Max. Input & output current	15A	20A	25A
Nominal Frequency	50Hz		
Power Factor	1 (adjustable +/-0.8)		
Nominal Input & output power	3000W	4000W	5000W
EPS Rated current	13A		
Backup Rated Apparent Power	EPS		
Ingress Protection	IP 65		
Protective Class	Class I		
Operating temperature range	-25 ~ +60°C		
FW Version	AA1.0		

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