

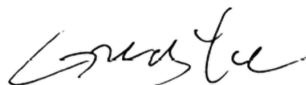
Certificate of Conformity

Certificate Number: CN-PV-230280

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.

Applicant:	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.
Product:	ECO Hybrid inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SNA3000 WPV, SNA4000 WPV, SNA5000 WPV, SNA6000 WPV
Brand Name<s>:	LUXPOWERTEK
Product Complies with:	NRS 097-2-1:2017 Edition 2.1 GRID INTERCONNECTION OF EMBEDDED GENERATION PART 2: SMALL-SCALE EMBEDDED GENERATION SECTION 1: UTILITY INTERFACE
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	230315003GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 31 May 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230280.

Model	SNA3000 WPV	SNA4000 WPV
Solar Mode		
Max.PV input voltage	480Vdc	
MPPT voltage range	120Vdc – 385Vdc	
Max. PV short current	25Adc*2	
Max. PV current	17Adc*2	
Max. PV power	6000W	8000W
AC Charger Mode		
AC input voltage	230Vac	
AC input frequency	50Hz	
Max. input current	40Aac	
Max. charge current	70Adc	90Adc
Battery Mode		
Battery voltage operation range	38.4 – 60Vdc	
Type of battery	Lead-acid/Lithium	
AC nominal output voltage	230Vac	230Vac
AC nominal output frequency	50Hz	50Hz
AC nominal output current	13.5Aac	17.5Aac
AC nominal output power	3000W	4000W
Max. apparent power	3000VA	4000VA
Max. charge and discharge current	70Adc	90Adc
Max. charge and discharge power	3000W	4000W
Other		
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 20	
Operation Ambient Temperature	0°C ~ +50°C	
Software version	CB1.0	

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230280.

Model	SNA5000 WPV	SNA6000 WPV
Solar Mode		
Max.PV input voltage	480Vdc	
MPPT voltage range	120Vdc – 385Vdc	
Max. PV short current	25Adc*2	
Max. PV current	17Adc*2	
Max. PV power	8000W	8000W
AC Charger Mode		
AC input voltage	230Vac	
AC input frequency	50Hz	
Max. input current	40Aac	45Aac
Max. charge current	110Adc	140Adc
Battery Mode		
Battery voltage operation range	38.4 – 60Vdc	
Type of battery	Lead-acid/Lithium	
AC nominal output voltage	230Vac	230Vac
AC nominal output frequency	50Hz	50Hz
AC nominal output current	22Aac	26.5Aac
AC nominal output power	5000W	6000W
Max. apparent power	5000VA	6000VA
Max. charge and discharge current	110Adc	140Adc
Max. charge and discharge power	5000W	6000W
Other		
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 20	
Operation Ambient Temperature	0°C ~ +50°C	
Software version	CB1.0	

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