


Certificate of Conformity

Certificate Number: CN-PVES-260082

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. C501, Building A, Donghua Industrial Park, 5003 Bao'an Avenue, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, 518126, China.
Product:	Smart PCS
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SNA PRO-EU 3K, SNA PRO-EU 4K, SNA PRO-EU 5K , SNA PRO-EU 6K, SNA PRO-EU 6.5K
Brand Name<s>:	Lux Power
Product Complies with:	IEC 61727:2004 IEC 62116:2014
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>:	260302136GZU-001, 12 Mar 2026 260302136GZU-002, 12 Mar 2026

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 20 March 2026



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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260082.

Model	SNA PRO-EU 3K	SNA PRO-EU 4K	SNA PRO-EU 5K	SNA PRO-EU 6K	SNA PRO-EU 6.5K
Input (PV)					
Max. input voltage	500 Vd.c.				
MPPT voltage range	80-400 Vd.c.				
Max. short-circuit current	25/25 Ad.c.				
Max. input current per MPPT	20/20 Ad.c.				
Input(Battery)					
Battery type	Lithium-ion/Lead-Acid				
Battery voltage range	38.4-60 Vd.c.				
Max. charging current	70 Ad.c.	90 Ad.c.	110 Ad.c.	135 Ad.c.	135 Ad.c.
Max. charging current power	3000 W	4000 W	5000 W	6000 W	6500 W
Output/Input (On Grid)					
Rated output power	3000 W	4000 W	5000 W	6000 W	6500 W
Rated input power	6000 W	8000 W	8000 W	9000 W	9000 W
Max. apparent power	3000 VA	4000 VA	5000 VA	6000 VA	6500 VA
Rated output voltage	220/230 Va.c., L/N/PE				
Max. output current	13 Aa.c.	17.5 Aa.c.	22 Aa.c.	26.5 Aa.c.	28.2 Aa.c.
Max. input current	26 Aa.c.	35 Aa.c.	35 Aa.c.	39.1 Aa.c.	39.1 Aa.c.
Rated AC grid frequency	50/60 Hz				
Adjustable power factor	0.9 leading-0.9 lagging				
Backup parameter (AC)					
Rated output power	2000 W	2000 W	2000 W	3000 W	3000 W
Max. output current	8.6 Aa.c.	8.6 Aa.c.	8.6 Aa.c.	13 Aa.c.	13 Aa.c.
Rated output voltage	220/230 Va.c., L/N/PE				
AC frequency	50/60 Hz				
General Data					
Safety level	Class I				
Degree of protection	IP66				
Operating temperature range	-25~60 °C (derating at 45°C)				
FW Version	V1.0				

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