



Ref. Certif. No.

SE-116568

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Off-grid Inverter
Name and address of the 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
Name and address of the manufacturer	Same as applicant
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	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
Ratings and principal characteristics	See page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	SNA3000 WPV, SNA4000 WPV, SNA5000 WPV, SNA6000 WPV, SNA6500 WPV
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62109-1:2010 IEC 62109-2:2011
As shown in the Test Report Ref. No. which forms part of this Certificate	241115100GZU-003, 241115100GZU-004

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

Date: 15 May, 2025



Signature:


Anneli Averland Johansson

Ratings and principal characteristics

Model name	SNA3000 WPV	SNA4000 WPV	SNA5000 WPV	SNA6000 WPV	SNA6500 WPV
PV-Input					
Max. Open Circuit Voltage (VOC)	480d.c. V				500d.c. V
MPPT voltage range	120 - 385d.c. V				120 - 400d.c. V
Max. PV short current (input A/B)	25d.c. A/25d.c. A				
Max. PV current (input A/B)	17d.c. A/17d.c. A				
Max. PV power	6000W	8000W	9600W	9600W	9600W
AC-Input					
Nominal AC voltage, Frequency	230a.c. V, 50Hz/60Hz				
Max. GRID current	30a.c. A	40a.c. A	40a.c. A	45a.c. A	45a.c. A
Max. Generator current	31.9a.c.A				
AC-Output (Back-up)					
UPS nominal voltage, Frequency	230a.c. V, 50Hz/60Hz				
UPS nominal output power	3000W	4000W	5000W	6000W	6500W
UPS nominal current	13.5a.c.A	17.5a.c.A	22a.c.A	26.5a.c.A	28.3a.c.A
Adjustable displacement factor range	0.6~1.0				
Battery					
Battery type	Lead-acid/Lithium				
Battery voltage operation voltage	40 - 60d.c. V				
Max. charge and discharge current	70d.c. A	90d.c. A	110d.c. A	140d.c. A	140d.c. A
Max. charge and discharge power	3000W	4000W	5000W	6000W	6500W
Others					
Operating ambient temperature range	0-45°C				
Inverter topology	Transformerless				
Ingress protection	IP21				
Protective class	I				
Software version	CB1.0				

Date: 15 May, 2025

Signature:

