


# Certificate of Conformity

Certificate Number: CN-PVES-240388

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.

<b>Applicant:</b>	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.
<b>Product:</b>	ECO Beast Energy Storage
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	ECO Beast 6000
<b>Brand Name&lt;s&gt;:</b>	LU <sup>X</sup> POWER <sup>TEK</sup>
<b>Product Complies with:</b>	NRS 097-2-1:2024 GRID INTERCONNECTION OF EMBEDDED GENERATION PART 2: SMALL-SCALE EMBEDDED GENERATION SECTION 1: UTILITY INTERFACE
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> 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
<b>Test Report No.&lt;s&gt;:</b>	240617053GZU-001, 06 Aug 2024

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 22 August 2024**



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240388.

Model	ECO Beast 6000
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
AC Charger Mode	
AC input voltage	230Vac
AC input frequency	50Hz
Max. input current	45Aac
Max. charge current	140Adc
Battery Mode	
Type of battery	LFP Li-ion
Battery voltage operation range	38.4 – 60Vdc
Rated Voltage	51.2Vdc
AC nominal output voltage	230Vac
AC nominal output frequency	50Hz
AC nominal output current	26.5Aac
AC nominal output power	6000W
Max. apparent power	6000VA
Max. charge and discharge current	140Adc
Max. charge and discharge power	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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