


# Certificate of Conformity

Certificate Number: CN-PVES-240257

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>	Hybrid Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	Trip-HB-EU 6K, Trip-HB-EU 8K, Trip-HB-EU 10K, Trip-HB-EU 12K, Trip-HB-EU 15K, Trip-HB-EU 20K
<b>Brand Name&lt;s&gt;:</b>	
<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>	240408177GZU-001, 25 May 2024

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 12 June 2024**



PRD N° 306B

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-PVES-240257.

Model	Trip-HB-EU 6K	Trip-HB-EU 8K	Trip-HB-EU 10K
Max. input power(W)	9000	12000	15000
Max. PV voltage (Vdc)	1000		
MPPT voltage range (Vdc)	200~900		
Max. input current	20A*2		
PV Isc	25A*2		
AC Grid/Off-grid output data			
Nominal output voltage (Vac)	3/N/PE, 230/400		
Nominal output Frequency (Hz)	50		
Nominal output current (A)	9.1	12.2	15.2
Nominal output power (W)	6000	8000	10000
Power factor range	0.8Leading – 0.8 lagging		
Battery Data			
Battery type	Lithium-ion/Lead-acid		
Battery voltage range (V)	100-700		
Max. Charge/Discharge Current (A)	50		
Max. Charge/Discharge Power (W)	6000	8000	10000
General Data			
Protective Class	I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - +60°C		
Software version	GAAA-0606		

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Model	Trip-HB-EU 12K	Trip-HB-EU 15K	Trip-HB-EU 20K
Max. input power(W)	18000	22500	30000
Max. PV voltage (Vdc)	1000		
MPPT voltage range (Vdc)	200~900		
Max. input current	40A*3		
PV Isc	50A*3		
AC Grid/Off-grid output data			
Nominal output voltage (Vac)	3/N/PE, 230/400		
Nominal output Frequency (Hz)	50		
Nominal output current (A)	18.2	22.8	30.3
Nominal output power (W)	12000	15000	20000
Power factor range	0.8Leading – 0.8 lagging		
Battery Data			
Battery type	Lithium-ion/Lead-acid		
Battery voltage range (V)	100-700		
Max. Charge/Discharge Current (A)	50		
Max. Charge/Discharge Power (W)	12000	15000	20000
General Data			
Protective Class	I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - +60°C		
Software version	GAAA-0606		

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