

Certificate of Conformity

Certificate Number: CN-PVES-240140

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:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	TriP-HB-EU6K, TriP-HB-EU8K, TriP-HB-EU10K TriP-HB-EU12K, TriP-HB-EU15K, TriP-HB-EU20K
Brand Name<s>:	
Product Complies with:	TOR Erzeuger Typ A Version 1.2: 18 April 2022 Connection and parallel operation of power generation plants of type A and of small generation plants (maximum capacity <250 kW and nominal voltage <110 kV) TOR Erzeuger Typ B Version 1. 2: 18 April 2022 Connection and parallel operation of type B power generation systems (maximum capacity \geq 250 kW and nominal voltage <110 kV) OVE-Richtlinie R 25:2020-03-01
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>:	230810094GZU-002, 16 March 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 16 April 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240140

Model	TriP-HB-EU6K	TriP-HB-EU8K	TriP-HB-EU10K	TriP-HB-EU12K	TriP-HB-EU15K	TriP-HB-EU20K
Max. PV Input Voltage [d.c.V]	1000					
MPPT operating voltage range [d.c.V]	200-900					
Rated input voltage[V]	690					
Max. input current per MPPT [d.c.A]	20			40		
Max. PV Isc [d.c.A]	25			50		
MPPT number	2			3		
Number of input per MPPT	1			2		
Battery Type	Lead-acid/Lithium					
Battery Voltage Range [d.c.V]	100-700					
Max. Charging & Discharging Current [d.c.A]	50					
Max. Charging & Discharging Power [W]	6000	8000	10000	12000	15000	20000
Nominal Frequency	50Hz					
Nominal Output Voltage [a.c.V]	3L/N/PE, 230/400Vac					
Nominal AC power [W]	6000	8000	10000	12000	15000	20000
MAX. Output Apparent Power [VA]	7500	10000	12500	15000	18750	25000
Rated current [A]	9.1*3	12.2*3	15.2*3	18.2*3	22.8*3	30.3*3
Initial short-circuit AC current [A]	11.4*3	15.3*3	19.0*3	22.8*3	28.5*3	37.9*3
Adjustable displacement factor range	0.8Leading ...0.8Lagging					
Operating ambient temperature range [°C]	-25~+60					
Ingress protection	IP65					
Software Version	GAAA-0606					

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