

Certificate of Conformity (COC)



Certificate Holder : Shenzhen Loftty Technology Co., Ltd
Rm 303, Bldg 23, Zhiheng Strategy Industry Park, Nanshan District, Shenzhen, Guangdong,
China

Date of Original Issue : 2026-05-31

Date of Last Revision : --

Date of Expiry : 2029-05-30

Certificate Number : PCS-26-1114

Product : Solar Inverter

Ratings : See appendix on page 2

Brand/Trademark : Solenux

Model(s) : LHG8K-P3LV-EU PRO, LHG10K-P3LV-EU PRO, LHG12K-P3LV-EU PRO

Test Laboratory : SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch

Testing Report : SUGC260500007351

Test Standard : C10/11: ed. 2.3 2024



This is to certify that the product has been tested and was found to comply with the requirements of the standard(s).
The above-mentioned product is certified according to the requirements of ISO/IEC 17065:2012.

Christopher Hee
Certification Officer

SGS Testing & Control Services Singapore Pte Ltd
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Model	LHG8K-P3LV-EU PRO	LHG10K-P3LV-EU PRO	LHG12K-P3LV-EU PRO
PV Input			
Max. PV Input Power	16000 W	20000 W	24000 W
PV Input Voltage Range	160 ~ 800 Vdc		
Full Load MPPT Voltage Range	350 ~ 650 Vdc	360 ~ 650 Vdc	360 ~ 650 Vdc
Max. Input Current	26 A + 26 A		
Max. Short Current	39 A + 39 A		
AC Input / Output (On-Grid Terminal)			
Rated AC Input/Output Active Power	8000 W	10000 W	12000 W
Max. AC Input/Output Apparent Power	8800 VA	11000 VA	13200 VA
Rated AC Input/Output Current	11.6 A	14.5 A	17.4 A
Max. AC Input/Output Current	12.8 A	16.0 A	19.2 A
Grid Voltage	3L/N/PE, 230Va.c., 50Hz		
Power Factor Range	0.8 leading to 0.8 lagging		
AC Output (Off-Grid Terminal)			
Rated AC Output Active Power	8000 W	10000 W	12000 W
Max. AC Output Apparent Power	8800 VA	11000 VA	13200 VA
Rated AC Output Current	11.6 A	14.5 A	17.4 A
Max. AC Output Current	12.8 A	16.0 A	19.2 A
Grid Voltage	3L/N/PE, 230Va.c., 50Hz		
Battery			
Battery type	Lead-acid or Lithium-ion		
Battery voltage range	40 ~ 60 Vdc		
Max. Charge/Discharge Current	160 A / 160 A	210 A / 210 A	240 A / 240 A
General Data			
Operating temperature range	-40 °C ~ +60 °C, >45 °C Derating		
Protection degree	IP65		
Protective class	Class I		
Weight	39.2 kg		
Inverter Topology	Non-Isolated		
Cooling group	Intelligent Air Cooling		

