

Certificate of Conformity

Certificate Number: CN-PV-230581

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:	NingBo Deye Inverter Technology Co., Ltd. No. 26 South Yongjiang Road, Daqi, Beilun, NingBo, China
Product:	Grid-connected PV Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SUN-6K-G03-LV, SUN-8K-G03-LV
Brand Name<s>:	 (Deye)
Product Complies with:	IEC 61727:2004 IEC 62116:2014
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>:	2309A0186SHA-001

Additional information in Appendix.

Signature

Certification Manager: Qiao Qiao

Date: 23 October 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230581

Ratings & Principle Characteristics:

Specifications table		
Model	SUN-6K-G03-LV	SUN-8K-G03-LV
Input Side		
Vmax PV (Vdc) (absolute Max.)	800	800
Isc PV (absolute Max.) (A)	19.5A+19.5A	19.5A+39A
Max.DC Input Current(A)	13A+13A	13A+26A
Number MPP trackers	2	2
Number input strings	1+1	1+2
MPPT voltage range (Vdc)	200V-700V	200V-700V
Power pv Max(kW)	7.8	10.4
Output Side		
Normal AC Voltage (VAC)	3L/N/PE 127/220V	
Frequency (Hz)	60	
Normal AC Current (A)	15.7	21
Max. cont. input/output current (A)	17.3	23.1
Max. cont. input/output Power (kW)	6	8
Max. cont. Apparent Power (kVA)	6.6	8.8
Power factor(adjustable)	1.0(-0.8~ +0.8)	
Others		
Ingress protection (IP)	IP65	
Protective class	Class I	
Temperature (°C)	-25°C to +65°C (Derating 45°C)	
Inverter Isolation	Non-isolated	
Overvoltage category	OVC III (AC Main), OVC II (PV)	
Firmware Version	5188	

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