

Certificate of Conformity (COC)



Certificate Holder : Ningbo Deye Inverter Technology Co., Ltd.
No. 26 South Yongjiang Road, Daqi, Beilun, NingBo, China

Date of Original Issue : 2025-03-10

Date of Last Revision : --

Date of Expiry : 2028-03-09

Certificate Number : PCS-25-1049

Product : Grid Connected PV Inverter

Ratings : See appendix on page 2

Brand/Trademark : 

Model(s) : See appendix on page 2

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

Testing Report : GZES250100111501, GZES250100111502, GZES250100111503 and GZES250100111504

Test Standard : IEC 61727: 2004, IEC 62116: 2014, IEC 61683: 1999, IEC 60068-2-1: 2007,
IEC 60068-2-2: 2007, IEC 60068-2-14: 2009 and IEC 60068-2-30: 2005



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
30 Boon Lay Way #03-01 Singapore 609957



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Product Model	SUN-60K- G04P3-EU-AM4	SUN-70K- G04P3-EU-AM4	SUN-75K- G04P3-EU-AM4	SUN-80K- G04P3-EU-AM4
PV Input				
Max. PV Input Power (kW)	90.0	105.0	112.5	120.0
Max. PV Input Voltage (V)	1100			
Start-up Voltage (V)	250			
PV Input Voltage Range (V)	250-1100			
MPPT Voltage Range (V)	200-1000			
Rated PV Input Voltage (V)	600		720	
Full Load MPPT Voltage Range (V)	490-850	570-850	610-850	650-850
Max. Input Short Circuit Current (A)	60+60+60+60			
Max. Operating PV Input Current (A)	40+40+40+40			
No. of MPP Trackers/ No. of Strings per MPP Tracker	4/3+3+3+3		4/4+4+4+4	
AC Output				
Rated AC Output Active Power (kW)	60.0	70.0	75.0	80.0
Max.AC Output Apparent Power (kVA)	66.0	77.0	82.5	88.0
Rated AC Output Current (A)	87.0	101.5	108.7	115.9
Max.AC Output Current (A)	95.7	111.6	119.6	127.5
Rated Output Voltage (V)	3L/N/PE, 230/400 V			
Rated Output Frequency (Hz)	50			
Power Factor Adjustment Range	0.8 leading to 0.8 lagging			
General Data				
Operating Temperature Range	-25°C to +60°C, > 45°C derating			
Ingress Protection (IP) Rating	IP65			
Type Of Cooling	Intelligent air cooling			
Protection Level	Class I			

