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	:	2026-02-10
Date of Last Revision	:	--
Date of Expiry	:	2029-02-09
Certificate Number	:	PCS-26-1021
Product	:	Hybrid Inverter
Ratings	:	See appendix on page 2
Brand/Trademark	:	Deye
Model(s)	:	SUN-25K-SG02HP3-EU-AM3, SUN-29.9K-SG02HP3-EU-AM3, SUN-30K-SG02HP3-EU-AM3
Test Laboratory	:	SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
Testing Report	:	GZGC260100002701, GZGC260100002702, GZGC260100002703 and GZGC260100002704
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

SAC Accredited Certification Body
PD-2016-15

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APPENDIX

Certificate Number: PCS-26-1021

Model	SUN-25K-SG02HP3-EU-AM3	SUN-29.9K-SG02HP3-EU-AM3	SUN-30K-SG02HP3-EU-AM3
Battery Input			
Battery Type	Lithium-ion		
Battery Voltage Range (V)	160-700		
Max. Charging Current (A)	75		
Max. Discharging Current (A)	75		
PV Input			
Max. PV Access Power (W)	50000	59800	60000
Max. PV Input Power (W)	40000	47840	48000
Max. PV Input Voltage (V)	1000		
Start-up Voltage (V)	180		
PV Input Voltage Range (V)	180-1000		
MPPT Voltage Range (V)	150-850		
Full Load MPPT Voltage Range (V)	400-850	450-850	450-850
Rated PV Input Voltage (V)	600		
Max. Operating PV Input Current (A)	36+36+36		
Max. Input Short-Circuit Current (A)	54+54+54		
No. of MPP Trackers	3/2+2+2		
AC Output			
Rated Output Power (W)	25000	29900	30000
Max. Apparent Output Power (VA)	27500	29900	33000
AC Output Nominal Current (A)	36.3	43.4	43.5
Max. AC Current (A)	39.9	43.4	47.9
Rated Output Voltage (V)	230/400V 0.85Un-1.1Un		
Rated Output Frequency (Hz)	50		
Grid Connection Form	3L+N+PE		
General Data			
Operating Temperature Range	-40 ℃ to + 60 ℃, >45 ℃ derating		
Topology	Non-Isolated		
Ingress Protection	IP65		
Protective Class	Class I		
Cooling Method	Intelligent air cooling		

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