Certificate of Conformity (COC)

Certificate Holder	:	NingBo Deye Inverter Technology Co., Ltd. No. 26 South YongJiang Road, Daqi, Beilun, NingBo, Zhejiang, China
Date of Original Issue	:	2026-06-24
Date of Last Revision	:	--
Date of Expiry	:	2029-06-23
Certificate Number	:	PCS-26-1133
Product	:	Hybrid Inverter
Ratings	:	See appendix on page 2
Brand/Trademark	:	Deye
Model	:	SUN-100K-SG02HP3-EU-GM8, SUN-100K-SG02HP3-EU-GM10, SUN-125K-SG02HP3-EU-GM10
Test Laboratory	:	SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch
Testing Report	:	GZGC260500029501, GZGC260500029502, GZGC260500029503 and GZGC260500029504
Test Standard	:	IEC 62116:2014, IEC 61727:2004, 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

Accredited Certification Body
SAC
PD-2016-15

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APPENDIX

Certificate Number: PCS-26-1133

Product Model	SUN-100K-SG02HP3-EU-GM8	SUN-100K-SG02HP3-EU-GM10	SUN-125K-SG02HP3-EU-GM10
PV Input Data			
Max. PV Input Power (W)	160000	160000	200000
Max. PV Input Voltage (V)	1000		
Start-up Voltage (V)	180		
Rated Input Voltage (V)	650		
MPPT Voltage Range (V)	150-850		
Full Load MPPT Voltage Range (V)	390-850	310-850	390-850
Max. Operating PV Input Current (A)	42+42+42+42+42+42+42+42	42+42+42+42+42+42+42+42+42+42	
Max. Input Short-Circuit Current (A)	63+63+63+63+63+63+63+63	63+63+63+63+63+63+63+63+63+63	
No. of MPP Trackers/ No. of Strings MPP Tracker	8/2+2+2+2+2+2+2+2	10/2+2+2+2+2+2+2+2+2+2	
Battery Input Data			
Battery Type	Lithium-ion		
Battery Voltage Range (V)	160-1000		
Max. Charging Current (A)	100+100		
Max. Discharging Current (A)	100+100		
Number of Battery Input	2		
AC Output Data			
Rated AC Output Active Power (W)	100000	100000	125000
Max. AC Output Apparent Power (VA)	110000	110000	135000
Rated AC Output Current (A)	145.0	145.0	181.2
Max. AC Output Current (A)	159.5	159.5	195.7
Nominal Grid Voltage (V)	3L/N/PE, 230/400		
Nominal Frequency (Hz)	50/60		
Power Factor	0.8 leading to 0.8 lagging		
General Data			
Topology	Non-Isolated		
Operating Temperature Range	-40 ~ +60 °C, > +45 °C derating		
Degree of Protection	IP65		
Type of Cooling	Intelligent Air Cooling		

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