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	:	2026-08-07
Date of Last Revision	:	--
Date of Expiry	:	2029-08-06
Certificate Number	:	PCS-26-1160
Product	:	Grid-connected PV Inverter
Ratings	:	See appendix on page 2
Brand/Trademark	:	Deye
Model	:	SUN-18K-G06P3-EU-AM2, SUN-20K-G06P3-EU-AM2, SUN-22K-G06P3-EU-AM2, SUN-23K-G06P3-EU-AM2, SUN-25K-G06P3-EU-AM2, SUN-18K-G06P3-EU-CM2, SUN-20K-G06P3-EU-CM2, SUN-22K-G06P3-EU-CM2, SUN-23K-G06P3-EU-CM2, SUN-25K-G06P3-EU-CM2
Test Laboratory	:	SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch
Testing Report	:	SUGC260700011651-01, SUGC260700011651-02 and SUGC260700011651-03
Test Standard	:	IEC 62116:2014, IEC 61727:2004 and IEC 61683:1999

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.

Accredited Certification Body
SAC
PD-2016-15

Christopher Hee
Certification Officer

SGS Testing & Control Services Singapore Pte Ltd
30 Boon Lay Way #03-01 Singapore 609957

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APPENDIX

Certificate Number: PCS-26-1160

Product Model	SUN-18K-G06P3-EU-AM2 SUN-18K-G06P3-EU-CM2	SUN-20K-G06P3-EU-AM2 SUN-20K-G06P3-EU-CM2	SUN-22K-G06P3-EU-AM2 SUN-22K-G06P3-EU-CM2	SUN-23K-G06P3-EU-AM2 SUN-23K-G06P3-EU-CM2	SUN-25K-G06P3-EU-AM2 SUN-25K-G06P3-EU-CM2
PV Input Data					
Max. PV Input Power (kW)	27.0	30.0	33.0	34.5	37.5
Max. PV Input Voltage (V)	1100				
Start-up Voltage (V)	150				
Rated Input Voltage (V)	600				
MPPT Voltage Range (V)	200-1000				
Full Load MPPT Voltage Range(V)	450-850				
Max. Operating PV Input Current (A)	32+32		36+32		
Max. Input Short-Circuit Current (A)	48+48		54+48		
No. of MPP Trackers/ No. of Strings MPP Tracker	2/2+2				
AC Output Data					
Rated AC Output Active Power (kW)	18.0	20.0	22.0	23.0	25.0
Max. AC Output Apparent Power (kVA)	19.8	22.0	24.2	25.3	27.5
Rated AC Output Current (A)	26.1	29.0	31.9	33.4	36.3
Max. AC Output Current (A)	28.7	31.9	35.1	36.7	39.9
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	-25°C ~ +60 °C, > +45 °C derating				
Degree of Protection	IP65				
Type of Cooling	Intelligent Air Cooling				

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