Certificate of Conformity (COC)

:

Certificate Holder

	•	No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China	
Date of Original Issue	:	2024-03-04	
Date of Last Revision	:		国 F6962からの"ス
Date of Expiry	:	2027-03-03	
Certificate Number	:	PCS-24-1014	
Product	:	Grid-connected PV Inverter	o an
Ratings	:	See appendix	
Brand/Trademark	:	Deye	
Model(s)	:	SUN-40K- G04, SUN-45K- G04 and SUN-50K- G04	
Test Laboratory	:	SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch	ı
Testing Report(s)	:	GZES220300425101, GZES220300425102, GZES220300425103 and GZES220300425104 Amendment 01	
Test Standard(s)	:	IEC 61727:2004, IEC 62116:2014, IEC 61683:1999, IEC 60068-2-1:20 IEC 60068-2-2:2007, IEC 60068-2-14:2009 and IEC 60068-2-30:2005	07,

Ningbo Deye Inverter Technology Co., Ltd.

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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APPENDIX



Certificate Number: PCS-24-1014

Model	SUN-40K- G04	SUN-45K- G04	SUN-50K- G04	
PV Input				
Recommended Max. PV input power(kW)	52	58.5	65	
Max. input voltage(V)	1100			
Start-up operating voltage(V)	250			
Rated input voltage(V)	600			
MPPT operating voltage range(V)	200~1000			
Full power MPPT voltage range (V)	450~850			
Max. input current(A)	40+40+40	40+40+40	40+40+40+40	
Max. short current(A)	60+60+60	60+60+60	60+60+60+60	
AC Output				
Nominal grid voltage(V)	3L/N/PE 230/400V			
Nominal grid frequency (Hz)	50/60			
Rated AC power(kW)	40	45	50	
Max. AC power(kW)	44	49.5	55	
Rated AC current(A)	58	65.2	72.5	
Max. AC current(A)	63.8	71.7	79.7	
Output power factor	0.8 leading~0.8 lagging			
General Data				
Operating temperature range	-25 ~ +60 ℃			
Protection degree	IP65			
Protective class	Class I			
Cooling method	Intelligent air cooling			
Topology	Non-isolated			

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