

# 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 : 2024-09-04

Date of Last Revision : 2025-04-20

Date of Expiry : 2027-09-03

Certificate Number : PCS-24-1133/M1

Product : Grid-connected PV Inverter

Ratings : See appendix on page 2 to page 4

Brand/Trademark : 

Model(s) : SUN-18K-G04, SUN-20K-G04, SUN-25K-G04, SUN-30K-G04, SUN-33K-G04, SUN-35K-G04,  
SUN-36K-G04, SUN-18K-G04P3-EU-CM2, SUN-20K-G04P3-EU-CM2,  
SUN-25K-G04P3-EU-CM2, SUN-30K-G04P3-EU-CM2, SUN-33K-G04P3-EU-CM2,  
SUN-35K-G04P3-EU-CM2, SUN-36K-G04P3-EU-CM2

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

Testing Report : GZES211002949001 Amendment 02, GZES211002949002 Amendment 02,  
GZES211002949003 Amendment 02 and GZES211002949004 Amendment 02

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.

This certificate superseded the certificate number PCS-24-1133 dated 2024-09-04 due to add new models, update electrical schemes and update rating label.

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-24-1133/M1

Product Model	SUN-18K-G04	SUN-20K-G04	SUN-25K-G04
Input (DC)			
Max.DC Input Power (kW)	23.4	26.0	32.5
Max.DC Voltage (V)	1100		
Start-up input voltage (V)	250		
Rated input voltage (V)	600		
MPPT Voltage Range (V)	200-1000		
Full load DC voltage range (V)	500-850	550-850	
Max. input current per MPPT (A)	32*2		
Number of MPPT/ Strings per MPPT	2/2+2		
Output (AC)			
Max AC Apparent Power (kVA)	19.8	22.0	27.5
Rated AC Output Power(kW)	18.0	20.0	25.0
Max AC Output Current (A)	28.7	31.9	39.9
Rated AC Output Current (A)	26.1	29.0	36.2
Nominal Grid Voltage (V)	230/400		
Nominal Frequency (Hz)	50 / 60		
Power factor	> 0.99 (adjustable +/-0.8)		
Topology	Transformerless		
Operating temperature range	-25 ~ 60 °C (derating at +45 °C)		
Degree of protection	IP65		

Product Model	SUN-30K-G04	SUN-33K-G04	SUN-35K-G04	SUN-36K-G04
Input (DC)				
Max.DC Input Power (kW)	39	42.9	45.5	46.8
Max.DC Voltage (V)	1100			
Start-up input voltage (V)	250			
Rated input voltage (V)	600			
MPPT Voltage Range (V)	200-1000			
Full load DC voltage range (V)	480-850		500-850	
Max. input current per MPPT (A)	40*2			
Number of MPPT/ Strings per MPPT	2/3+3			
Output (AC)				
Max AC Apparent Power (kVA)	33.0	36.3	38.5	39.6
Rated AC Output Power(kW)	30.0	33.0	35.0	36.0
Max AC Output Current (A)	47.8	52.6	55.8	57.4
Rated AC Output Current (A)	43.5	47.8	50.7	52.2
Nominal Grid Voltage (V)	230/400			
Nominal Frequency (Hz)	50 / 60			
Power factor	> 0.99 (adjustable +/-0.8)			
Topology	Transformerless			
Operating temperature range	-25 ~ 60 °C (derating at +45 °C)			
Degree of protection	IP65			



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Product Model	SUN-18K-G04P3-EU-CM2	SUN-20K-G04P3-EU-CM2	SUN-25K-G04P3-EU-CM2
Input (DC)			
Max.DC Input Power (kW)	23.4	26.0	32.5
Max.DC Voltage (V)	1100		
Start-up input voltage (V)	250		
Rated input voltage (V)	600		
MPPT Voltage Range (V)	200-1000		
Full load DC voltage range (V)	500-850		550-850
Max. input current per MPPT (A)	32*2		
Number of MPPT/ Strings per MPPT	2/2+2		
Output (AC)			
Max AC Apparent Power (kVA)	19.8	22.0	27.5
Rated AC Output Power(kW)	18.0	20.0	25.0
Max AC Output Current (A)	28.7	31.9	39.9
Rated AC Output Current (A)	26.1	29.0	36.3
Nominal Grid Voltage (V)	230/400		
Nominal Frequency (Hz)	50 / 60		
Power factor	> 0.99 (adjustable +/-0.8)		
Topology	Transformerless		
Operating temperature range	-25 ~ 60 °C (derating at +45 °C)		
Degree of protection	IP65		



Product Model	SUN-30K-G04P3- EU-CM2	SUN-33K-G04P3- EU-CM2	SUN-35K-G04P3- EU-CM2	SUN-36K-G04P3- EU-CM2
Input (DC)				
Max.DC Input Power (kW)	39	42.9	45.5	46.8
Max.DC Voltage (V)	1100			
Start-up input voltage (V)	250			
Rated input voltage (V)	600			
MPPT Voltage Range (V)	200-1000			
Full load DC voltage range (V)	480-850		500-850	
Max. input current per MPPT (A)	40*2			
Number of MPPT/ Strings per MPPT	2/3+3			
Output (AC)				
Max AC Apparent Power (kVA)	33.0	36.3	38.5	39.6
Rated AC Output Power(kW)	30.0	33.0	35.0	36.0
Max AC Output Current (A)	47.9	52.7	55.8	57.4
Rated AC Output Current (A)	43.5	47.9	50.8	52.2
Nominal Grid Voltage (V)	230/400			
Nominal Frequency (Hz)	50 / 60			
Power factor	> 0.99 (adjustable +/-0.8)			
Topology	Transformerless			
Operating temperature range	-25 ~ 60 °C (derating at +45 °C)			
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