

# Certificate of Conformity (COC)



|                        |  |
|------------------------|--|
| Certificate Holder     | : Ningbo Deye Inverter Technology Co., Ltd.<br>No. 26 South YongJiang Road, Daqi, Beilun, NingBo, China  |
| Date of Original Issue | : 2025-05-07   |
| Date of Last Revision  | : 2026-01-29   |
| Date of Expiry         | : 2028-05-06   |
| Certificate Number     | : PCS-25-1091/M1   |
| Product                | : Grid-connected PV Inverter   |
| Ratings                | : See appendix on page 2 and page 3  |
| Brand/Trademark        | :  |
| Model                  | : SUN-3.6K-G05P1-EU-AM2, SUN-4K-G05P1-EU-AM2, SUN-4.2K-G05P1-EU-AM2, SUN-4.6K-G05P1-EU-AM2, SUN-5K-G05P1-EU-AM2, SUN-5.2K-G05P1-EU-AM2, SUN-6K-G05P1-EU-AM2, SUN-6.2K-G05P1-EU-AM2, SUN-3.6K-G05P1-EU-CM2, SUN-4K-G05P1-EU-CM2, SUN-4.2K-G05P1-EU-CM2, SUN-4.6K-G05P1-EU-CM2, SUN-5K-G05P1-EU-CM2, SUN-5.2K-G05P1-EU-CM2, SUN-6K-G05P1-EU-CM2, SUN-6.2K-G05P1-EU-CM2 |
| Test Laboratory        | : SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch   |
| Testing Report(s)      | : GZES250400593401 Amendment 01 and GZES250400593402 Amendment 01  |
| Test Standard(s)       | : 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.

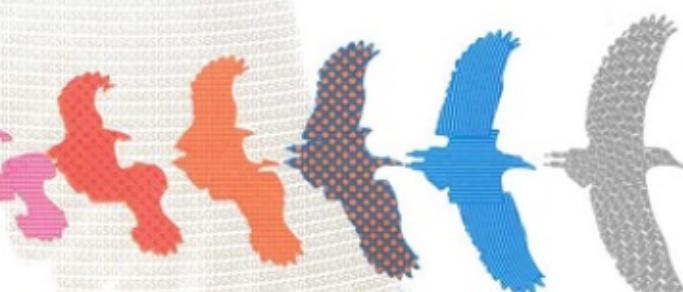
This certificate supersedes the certificate number PCS-25-1091 dated 2025-05-07 due to add the models SUN-xK-G05P1-EU-CM2, x=3.6, 4, 4.2, 4.6, 5, 5.2, 6, 6.2.

Christopher Hee  
Certification Officer

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



PD-2016-15

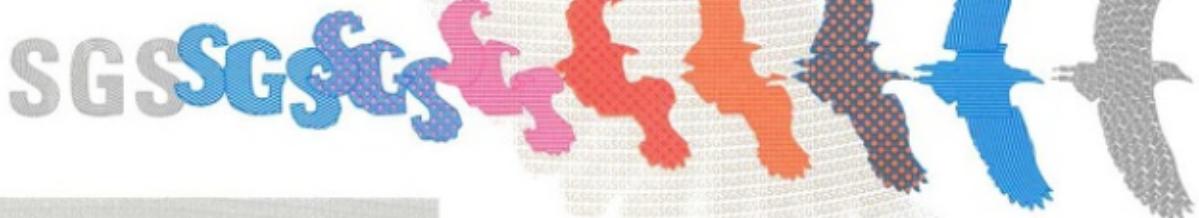


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## APPENDIX

Certificate Number: PCS-25-1091/M1

| Model  | SUN-3.6K-<br>G05P1-EU-AM2 | SUN-4K-<br>G05P1-EU-AM2            | SUN-4.2K-<br>G05P1-EU-AM2 | SUN-4.6K-<br>G05P1-EU-AM2 |
|--|---------------------------|------------------------------------|---------------------------|---------------------------|
|  | SUN-3.6K-<br>G05P1-EU-CM2 | SUN-4K-<br>G05P1-EU-CM2            | SUN-4.2K-<br>G05P1-EU-CM2 | SUN-4.6K-<br>G05P1-EU-CM2 |
| <b>PV Input</b>                                    |                           |                                    |                           |                           |
| Max. PV Input Power (kW)                           | 5.4                       | 6.0                                | 6.3                       | 6.9                       |
| Max. PV Input Voltage (V)                          |                           | 550                                |                           |                           |
| Start-up Voltage (V)                               |                           | 80                                 |                           |                           |
| MPPT Voltage Range (V)                             |                           | 70-500                             |                           |                           |
| Rated Input Voltage (V)                            |                           | 360                                |                           |                           |
| Full Load MPPT Voltage Range (V)                   | 130-500                   | 145-500                            | 150-500                   | 165-500                   |
| Max. Input Short-Circuit Current (A)               |                           | 2*27                               |                           |                           |
| Max. Operating PV Input Current (A)                |                           | 2*18                               |                           |                           |
| No. of MPP Trackers/No. of Strings per MPP Tracker |                           | 2/1+1                              |                           |                           |
| <b>AC Output</b>                                   |                           |                                    |                           |                           |
| Rated AC Output Active Power (W)                   | 3600                      | 4000                               | 4200                      | 4600                      |
| Max. AC Output Apparent Power (VA)                 | 3960                      | 4400                               | 4620                      | 5060                      |
| Rated AC Output Current (A)                        | 15.7                      | 17.4                               | 18.3                      | 20.0                      |
| Max. AC Output Current (A)                         | 17.3                      | 19.2                               | 20.1                      | 22.0                      |
| Rated Output Voltage (V)                           |                           | 230                                |                           |                           |
| Grid Connection Form                               |                           | L/N/PE                             |                           |                           |
| Rated Output Grid Frequency (Hz)                   |                           | 50/60                              |                           |                           |
| Power Factor Adjustment Range                      |                           | 0.8 leading to 0.8 lagging         |                           |                           |
| <b>General Data</b>                                |                           |                                    |                           |                           |
| Operating Temperature Range                        |                           | -25 °C to + 60 °C, >45 °C derating |                           |                           |
| Topology   |                           | Non-Isolated                       |                           |                           |
| Ingress Protection                                 |                           | IP65                               |                           |                           |
| Protective Class                                   |                           | Class I                            |                           |                           |
| Cooling Method                                     |                           | Natural cooling                    |                           |                           |

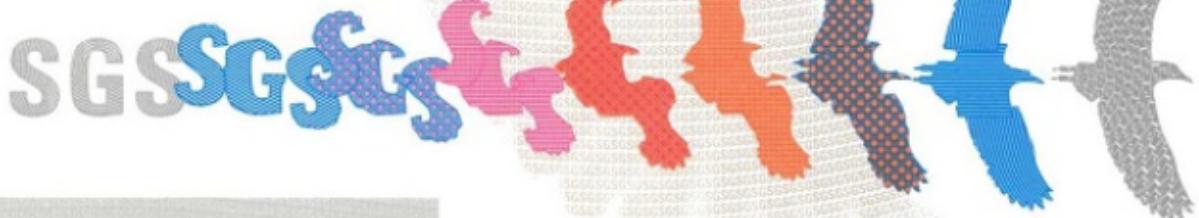


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## APPENDIX

Certificate Number: PCS-25-1091/M1

| Model  | SUN-5K-<br>G05P1-EU-AM2 | SUN-5.2K-<br>G05P1-EU-AM2          | SUN-6K-<br>G05P1-EU-AM2 | SUN-6.2K-<br>G05P1-EU-AM2 |
|--|-------------------------|------------------------------------|-------------------------|---------------------------|
|  | SUN-5K-<br>G05P1-EU-CM2 | SUN-5.2K-<br>G05P1-EU-CM2          | SUN-6K-<br>G05P1-EU-CM2 | SUN-6.2K-<br>G05P1-EU-CM2 |
| <b>PV Input</b>                                    |                         |                                    |                         |                           |
| Max. PV Input Power (kW)                           | 7.5                     | 7.8                                | 9.0                     | 9.3                       |
| Max. PV Input Voltage (V)                          |                         | 550                                |                         |                           |
| Start-up Voltage (V)                               |                         | 80                                 |                         |                           |
| MPPT Voltage Range (V)                             |                         | 70-500                             |                         |                           |
| Rated Input Voltage (V)                            |                         | 360                                |                         |                           |
| Full Load MPPT Voltage Range (V)                   | 180-500                 | 190-500                            | 215-500                 | 225-500                   |
| Max. Input Short-Circuit Current (A)               |                         | 2*27                               |                         |                           |
| Max. Operating PV Input Current (A)                |                         | 2*18                               |                         |                           |
| No. of MPP Trackers/No. of Strings per MPP Tracker |                         | 2/1+1                              |                         |                           |
| <b>AC Output</b>                                   |                         |                                    |                         |                           |
| Rated AC Output Active Power (W)                   | 5000                    | 5200                               | 6000                    | 6200                      |
| Max. AC Output Apparent Power (VA)                 | 5500                    | 5720                               | 6600                    | 6820                      |
| Rated AC Output Current (A)                        | 21.8                    | 22.7                               | 26.1                    | 27.0                      |
| Max. AC Output Current (A)                         | 24.0                    | 24.9                               | 28.7                    | 29.7                      |
| Rated Output Voltage (V)                           |                         | 230                                |                         |                           |
| Grid Connection Form                               |                         | L/N/PE                             |                         |                           |
| Rated Output Grid Frequency (Hz)                   |                         | 50/60                              |                         |                           |
| Power Factor Adjustment Range                      |                         | 0.8 leading to 0.8 lagging         |                         |                           |
| <b>General Data</b>                                |                         |                                    |                         |                           |
| Operating Temperature Range                        |                         | -25 °C to + 60 °C, >45 °C derating |                         |                           |
| Topology   |                         | Non-Isolated                       |                         |                           |
| Ingress Protection                                 |                         | IP65                               |                         |                           |
| Protective Class                                   |                         | Class I                            |                         |                           |
| Cooling Method                                     |                         | Natural cooling                    |                         |                           |



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