

# PHOTOVOLTAIC INVERTER SG4K-D



Page 1 User Manual SG2K-S / SG3K-S / SG3K-D / SG4K-D / SG5K-D / SG6K-D / SG8K3-D PV Grid-Connected Inverter  
SG2\_3\_4\_5\_6\_8.3K-UEN-Ver14 Versioni 1/4 ?1.4; Page 3 Documents must be stored carefully and be available at all times. All rights to the content of this manual are owned by Sungrow Power Supply Co., Ltd. (hereinafter "SUNGROW"). No part of this a?



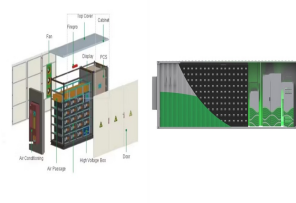
sg3k-s sg4k-d sg5k-d sg6k-d 260~480v 2 20ai 1/4 ?10a / 10ai 1/4 ? 5000w 5500w 5500va 25a 98.40% 98.00% 360x390x133mm 11.5kg 315~480v 2 20ai 1/4 ?10a / 10ai 1/4 ? 6000w 6600w 6600va 28.7a 98.40% 98.00% 310~480v 1 10a 3000w 3300w 3300va 15a 98.20% 97.70% 300x370x125mm 8.5kg 210~480v 2 20ai 1/4 ?10a / 10ai 1/4 ? 4000w 4400w 4400va 20a 98.40% a?|



Inverter Circuit AC SPD (DC/AC) PE AC Filter AC Relays DC EMI Filter AC EMI Filter MPPT (Boost2) MPPT (Boost1) DC2 EE? iciency Normalized Output Power 90% 92% 94% 96% 98% PV short-circuit current SG3K-D SG3K6-D SG4K-D SG4K6-D SG5K-D SG6K-D Input (DC) Output (AC) Efficiency Protection General Data 600 V 90 / 120 V 360 V 90 V a?? 560 V 210 V



Sungrow's inverters achieve up to 99% efficiency with up to 2 MPPTs that react to changes in the light intensity by choosing the optimal load for the cells to get the most usable power output. SUNGROW SG4K-D. Single-Phase Inverter Sungrow's inverters achieve up to 99% efficiency with up to 2 MPPTs



SG4K-D / SG5K-D / SG6K-D / SG8K3-D PV Grid-Connected Inverter. I About This Manual The manual mainly describes the product information, guidelines for installation, B Inverter SG2K-S, SG3K-S, SG3K-D, SG4K-D, SG5K-D, SG6K-D and SG8K3-D. User Manual 2 Product Introduction 5 Item Description Remarks C Sungrow single-phase

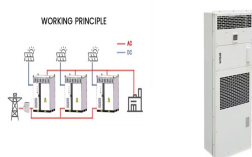
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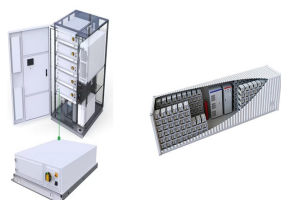
SG3K-D SG4K-D SG5K-D SG6K-D Maior rendimento com eficiencia max.  
de 98,4%, eficiencia europea 98% Configuracoes flexiveis de strings FV,  
relacao DC / AC de ate 1,3 ALTO RENDIMENTO Facil monitoramento  
local e on-line via App ou Web Controle de potencia exportada com  
medidor de



Max. PV input voltage Min. PV input voltage / Startup voltage Nominal  
input voltage MPP voltage range MPP voltage range for nominal power  
No. of MPPTs Max. number of PV strings per MPPT Max. PV input current  
Max. current for input connector Max. PV short-circuit current SG3K-D  
SG3K6-D SG4K-D SG4K6-D SG5K-D SG6K-D Input (DC) Output (AC



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Danh ma>>JPYc: Biao?n tao?n hoa IAE?a>>?i (Inverter Sungrow) Model:  
SG4K-D ThAE?AE!ng hia>>?u: Sungrow Lien ha>>? : 0946 821 286.  
Trang cha>>? CaoJPYu hinh chua>>?i PV linh hoaolt, ta>>. la>>? DC /  
AC len A?ao?n 1,4



Max. PV input voltage Min. PV input voltage / Startup voltage Nominal  
input voltage MPP voltage range MPP voltage range for nominal power  
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# PHOTOVOLTAIC INVERTER SG4K-D

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SG3K6-D SG4K-D SG4K6-D SG5K-D SG6K-D Input (DC) Output (AC)

# PHOTOVOLTAIC INVERTER SG4K-D



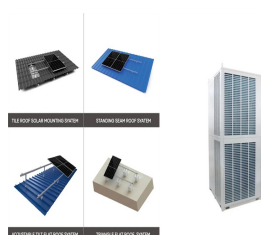
Max. number of PV strings per MPPT Max. PV input current Max. current for input connector Max. PV short-circuit current 600 V 90 V / 120 V 360 V 90 Va??560 V 160 Va??480 V 2 1 20 A (10 A / 10 A) 24 A (12 A / 12 A) 24 A (12 A / 12 A) SG3K-D SG4K-D SG6K-D 210 Va??480 V 315 Va??480 V AC output power Max. AC output current Nominal AC voltage AC



SG3K-D/4. K-D/5K-D/6K-D. Inversor de cadena para uso residencial. CC1 Interruptor de CC Bus de CC L N Circuito del DPS de CA inversor (CC/CA) PE Filtro de CA Filtro EMI SG3K-D SG4K-D. SG5K-D SG6K-D. 3000 W 3000 W. 3000 VA 13,7 A. 4000 W 4000 W. 4000 VA 18,2 A. 5000 W 5000 W. 5000 VA 22,7 A. 6000 W 6000 W.



Home / Inverter / Single-phase inverter / SUNGROW SG4K-D. SUNGROW SG4K-D. Photovoltaic module (4) Bifacial module (1) Monocrystalline module (4) Reviews. Language: English; Italiano; Deutsch; Francais; Espanol; Seasolar GmbH. Kurfurstendamm 194 10707 Berlin Germany. 800-513618. info@seasolargroup .



HIGH YIELD Industry leading efficiency of 98.4% Flexible PV string configurations High DC/AC ratio up to 1.3 SMART MANAGEMENT Feature-rich online monitoring via App or Web Firmware updates & new monitoring features Gain energy flow with Sungrow smart meter SAFE AND RELIABLE Built-in surge arresters & RCD Cutting-edge technology ensures long life time High a?]



Page 1 User Manual SG2K-S / SG2K5-S / SG3K-S / SG3K-D / SG3K6-D / SG4K-D / SG4K6-D / SG5K-D / SG6K-D PV Grid-Connected Inverter SG2-6K-UEN-Ver14-202003 Versioni 1/4 ?1.4; Page 3 Software Licenses It is prohibited to use data contained in firmware or software developed by SUNGROW, in part or in full, for commercial purposes by any means. It is prohibited to a?]

# PHOTOVOLTAIC INVERTER SG4K-D



SG3K-D/SG4K-D/SG5K-D/ SG6K-D SG3K-D SG4K-D SG5K-D SG6K-D  
 Maior rendimento com eficiencia max. de 98,4%, eficiencia europeia 98%  
 Configuracoes flexiveis de strings FV, relacao DC / AC de ate 1,3 ALTO  
 RENDIMENTO Facil monitoramento local e on-line via App ou Web  
 Controle de potencia exportada com medidor de energia Sungrow  
 SEGURO E DURAVEL



Max. number of PV strings per MPPT Max. PV input current Max. PV  
 short-circuit current SG3K-D SG5K-D Input (DC) Output Side Data  
 Efficiency Protection General Data 600 V 90 V / 120 V 360 V 90 V a??  
 560 V 2 1 25 A (12.5 A / 12.5 A) 30 A (15 A / 15 A) 160 V a?? 480 V 260  
 V a?? 480 V 3000 VA 13.7 A 4999 VA 21.7 A SG3K-D/SG5K-D



SG2K-S / SG2K5-S / SG3K-S / SG3K-D / SG3K6-D / SG4K-D / SG4K6-D  
 / SG5K-D / SG6K-D, a transformerless single-phase PV grid-connected  
 inverter, is an integral component in the PV power system. The inverter is  
 designed to convert the direct current power generated from the PV  
 modules into gridcompatible AC current and feeds the AC current to the -



Product: Grid-connected PV Inverter Model: SG3K-D, SG3K6-D, SG4K-D,  
 SG4K6-D, SG5K-D, SG6K-D Name and address of the manufacturer:  
 Sungrow Power Supply Co., Ltd., No. 1699 Xiyou Road, Hefei, China  
 Name and address of authorized EU/EEA importer: Sungrow Deutschland  
 GmbH, Balanstrasse 59, 81541 Munchen, Germany

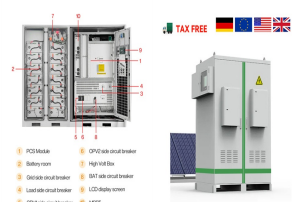


This single-phased solar PV inverter brings in a high-quality design with 2  
 MPPTs. The 10-year manufacturer warranty can be further extended as  
 required. Sungrow Inverter Comparison (SG3K-D vs. SG4K-D vs.  
 SG5K-D) Features SG5K-D SG4K-D SG3K-D; MPP Voltage Range  
 (Nominal Power) 260V-480V: 210V-480V: 160V-480V: AC output: 4990  
 VA/5000 VA

# PHOTOVOLTAIC INVERTER SG4K-D



SG4K-D SG5K-D Pv & Storage System Sammo YU SG500MX PV Grid Connected Inverter I recommend this product, very reliable and supplier provide satisfied after sale services.



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