

Sun Access Inverters

■ **SG 4KTL**

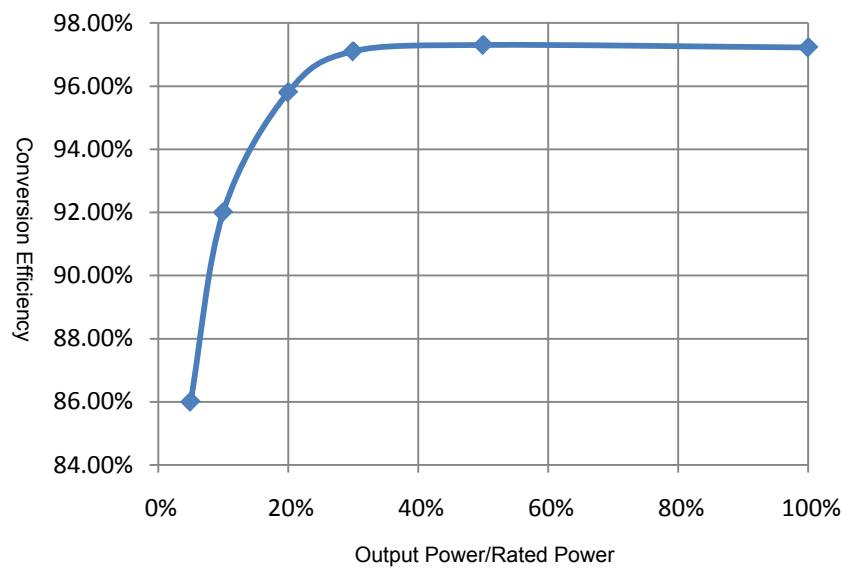


Features:

- Max. efficiency at 97.3%
- Weather-proof design (IP54) for harshest working environment
- MPPT efficiency > 99.9%
- Easy-setting multilingual LCD display panel
- Multiple communication interfaces
- High reliability with full protective functions
- Wide DC input voltage range
- Compact design with high quality aluminium housing
- Max. working altitude at 6000m
- Water-proof direct plug-in terminals
- TÜV certification, VDE 0126-1-1 Comp liant



Efficiency Curve:



Technical Specifications:

SG 4KTL

DC SIDE DATA

Max. DC Voltage	550Vdc
MPP Voltage Range	150~450Vdc
Max. DC Power	4400Wp
Max. Input Current	20A
Max. Number of String	3

AC SIDE DATA

Rated Output Power	4000W
Rated Grid Voltage	230Vac
Grid Voltage Range	180~260Vac
Rated Grid Frequency	50Hz/60Hz
Grid Frequency Range	47~51.5Hz/57~61.5Hz
Output Current THD	< 3% (at nominal power)
Power Factor	≥0.99 (at nominal power)

SYSTEM

Max. Efficiency	97.3%
Euro. Efficiency	96.5%
Protection Degree	IP54 (outdoor)
Power Consumption at Night	0W
Operating Temperature	-25~+60°C
Cooling Method	controlled forced-air cooling
Relative Humidity	0~95%, non-condensing
Max. Working Altitude	6000m

DISPLAY AND COMMUNICATIONS

Display	LCD
Standard Comm. Interfaces	RS485/USB
Optional Comm. Interfaces	Ethernet/GPRS/blue tooth

MECHANICAL DATA

Dimensions (WxHxD)	415x530x176mm
Net Weight	26kg



Circuit Diagram:

