

Sun Access

PV Grid-Connected Inverter

Features

- MPPT efficiency > 99.9%
- Free-setting multilingual LCD display functions
- Multiple communication interfaces available to facilitate online monitoring
- High reliability with full protective functions
- Wide DC input voltage range
- User-friendly interface allows setting operational data by keys
- Simplify system design by serial connecting multiple inverters
- Auxiliary heater (optional)
- Max. working altitude at 6000m
- CE, DK5940 certifications



SG30K3

MODEL SG30K3

■ DC INPUT

Max. DC Voltage	450Vdc
MPP Voltage Range	220~380Vdc
Max. DC Power	33kWp
Max. Input Current	150A
Max. Number of Strings	1

■ AC OUTPUT

Output Power	30kW
Nominal Grid Voltage	310~450Vac
Nominal Grid Frequency	50Hz/60Hz
Current THD	< 3% (at nominal power)
Power Factor	≥0.99 (at nominal power)

■ SYSTEM

Max. Efficiency	94.5% (with transformer)
Euro Efficiency	93.5% (with transformer)
Protection Degree	IP20 (indoor)
Operating Temp.	-25~+55°C
Cooling Method	controlled forced-air cooling
Relative Humidity	0~95%, non-condensing
Display	LCD
Comm. Interfaces	RS485
Optional	Ethernet/GPRS

■ MECHANICAL DATA

W H D	820x1964x646mm
Weight	400kg

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