

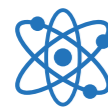
KSG-2.2K-SM / KSG-2.6K-SM / KSG-2.9K-SM / KSG-3K-SM / KSG-3.2K-SM
String Grid-Tied PV Inverter



Max. PV voltage up to 500V
Single MPPT



DC/AC surge protection
IP65 protection



High efficiency up to 97.6%
Smaller and lighter



Easy installation
WiFi / GPRS Plug optional

Technical Specifications

| MODEL | KSG-2.2K-SM | KSG-2.6K-SM | KSG-2.9K-SM | KSG-3K-SM | KSG-3.2K-SM |
|--|--------------------------|-------------|-------------|-----------|-------------|
| Input | | | | | |
| Max. DC voltage / Rated DC voltage | 500Vdc / 380Vdc | | | | |
| MPPT voltage range | 80~450Vdc | | | | |
| Min. / start DC voltage | 120V/ 100Vdc | | | | |
| Number of MPPT | 1 | | | | |
| Strings per MPPT | 1 | | | | |
| Max. input current per MPPT | 11A | | | | 13A |
| Rated input current | 11A | | | | 13A |
| Output (AC) | | | | | |
| Normal AC output power | 2200W | 2600W | 2900W | 3000W | 3200W |
| Rated AC voltage | 230Vac | | | | |
| AC voltage range | 230Vac±20% | | | | |
| Rated AC grid frequency | 50 / 60Hz | | | | |
| AC grid frequency range | 50 / 60Hz(±5Hz) | | | | |
| Max. output current | 9.5A | 11.5A | 12.5A | 11A | |
| Power factor (cosΦ) | 0.8 leading ~0.8 lagging | | | | |
| THDi | <3% | | | | |
| AC connection | LN+PE | | | | |
| Topology | Transformer-less | | | | |
| Efficiency | | | | | |
| Max. efficiency | 97.0% | 97.5% | 97.6% | | |
| Euro efficiency | 96.5% | 97.0% | | | |
| MPPT efficiency | 99.90% | | | | |
| Standby consumption | <5W/<1W | | | | |
| Protection devices | | | | | |
| All-pole fault current monitoring unit | Yes | | | | |
| AC short-circuit protection | Yes | | | | |
| Ground fault protection | Yes | | | | |
| Physical | | | | | |
| Dimensions W x D x H (mm) | 265 / 325 / 126 | | | | |
| Weight(kg) | 8.1 | 8.6 | | | |
| Environment | | | | | |
| Operating temperature range | -25°C ~ +60°C | | | | |
| Noise emission (typical) | ≤ 25dB | | | | |
| Cooling type | Natural cooling | | | | |
| Protection rating | IP65 | | | | |
| Features | | | | | |
| LCD display | Yes | | | | |
| Interfaces | RS485/WIFI/GPRS | | | | |

Specifications subject to change without prior notice.