

MODEL SG-10KWT

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|--------------------------------|---|
| Efficiency | |
| Max. Efficiency | 98.2% |
| European efficiency | 97.8% |
| Inputs (PV) | |
| Max. input voltage | 1100V |
| Max. PV configuration (STC) | 150% |
| Rated input voltage | 620V |
| Max. Input current | 2*15A |
| Max short circuit current | 2*20A |
| Starting input voltage | 180V |
| MPPT operating voltage range | 160V-1000V |
| Max. number of PV strings | 2 (1/1) |
| No. of MPPTs | 2 |
| Outputs (network) | |
| Nominal AC active power | 10000W |
| Max. AC apparent power | 11000VA |
| Max. AC active power (PF=1) | 11000W |
| Max. AC output current | 3*16.8A |
| AC rated voltage | 380V / 400V / 415V, 3W+N+PE |
| AC voltage range (1) | 260V-510V (Adjustable) |
| Nominal grid frequency | 50Hz/ 60Hz |
| Network frequency range(2) | 45Hz-55Hz/55Hz-65Hz (Adjustable) |
| THDI | <3%@Rated Power |
| DC injection | <0.5%@Rated Current |
| Power factor | >0.99 Rated power (Adjustable 0.8 LD-0.8 LG) |
| Protection | |
| DC switch | Yes |
| Anti-islanding protection | Yes |
| AC overcurrent protection | Yes |
| AC short circuit protection | Yes |
| DC reverse connection | Yes |
| Surge arrester | AC Type III (Type II optional) / DC Type III (Type II optional) |
| Insulation control | Yes |
| Leakage current protection | Yes |
| General | |
| Typology | Transformerless |
| Environmental protection grade | IP66 |
| Nocturnal self-consumption | <1W |
| Cooling mode | Natural cooling |
| Operating temperature range | -25°C-60°C |
| Relative humidity range | 0-100% |
| Max. operating altitude | 4000m |
| Noise (typical) | 30dB |
| Dimensions (W*H*D) | 398mm*460mm*190mm |
| Weight | 23Kg |
| HMI & COM | |
| Display | Wireless & APP+LED, LCD (Optional) |
| Communication | RS485, WiFi / GPRS / 4G / LAN (optional) |
| Certification | |
| Safety | IEC62109-1/2 |
| GRID | IEC 61000-1/2/3/4, IEC 61727/62116, CEI 021 |
| Warranty | 5 /10 years (optional) |

*The output voltage and frequency range may vary according to different grid codes.

*Specifications are subject to change without notice.

