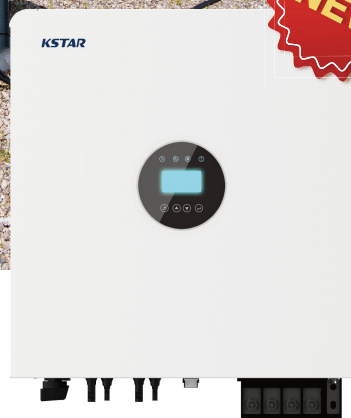





KSG SERIES THREE PHASE


G50KT / G60KT / G70KT / G80KT




PV On-Grid String Inverter

 Max. PV Voltage up to 1100V
Type II DC /AC SPD

 Reactive Power Control
WiFi / 4G Plug Optional

 DC/AC Ratio up to 1.5
IP66 Protection

 High Efficiency up to 98.6%
Smaller and Lighter

| MODEL | G50KT | G60KT | G70KT | G80KT |
|-------------------------------------|--|--------------|--------------|--------------|
| Input(DC) | | | | |
| Max. DC Voltage | 1100V | 1100V | 1100V | 1100V |
| Nominal Voltage | 650V | 650V | 650V | 650V |
| Start Voltage | 180V | 180V | 180V | 180V |
| MPPT Voltage Range | 200 V~1,000V | 200 V~1,000V | 200 V~1,000V | 200 V~1,000V |
| Number of MPPT | 4 | 4 | 4 | 4 |
| Strings Per MPPT | 2 | 2 | 3 | 3 |
| Max. Input Current Per MPPT | 32A | 32A | 45A | 45A |
| Max. Short-circuit Current Per MPPT | 48A | 48A | 60A | 60A |
| Output(AC) | | | | |
| Nominal AC Output Power | 50000W | 60000W | 70000W | 80000W |
| Max. AC Output Power | 55000VA | 66000VA | 77000VA | 88000VA |
| Nominal AC Voltage | 400V 3L+N+PE | | | |
| AC Grid Frequency Range | 50Hz / 60Hz(±5Hz) | | | |
| Maximum Output Current | 79.7A | 95.6A | 111.6A | 127.5A |
| Power Factor(Φ) | 0.8leading-0.8lagging | | | |
| THDi | 3% | | | |
| Efficiency | | | | |
| Max. Efficiency | 98.5% | 98.5% | 98.6% | 98.6% |
| Euro Efficiency | 98.2% | 98.2% | 98.3% | 98.3% |
| Protection Devices | | | | |
| DC Switch | Yes | | | |
| Output Over Current Protection | Yes | | | |
| Anti-islanding Protection | Yes | | | |
| DC Reverse Polarity Protection | Yes | | | |
| String Fault Detection | Yes | | | |
| DC/AC Surge Protection | Type II | | | |
| Residual Current Monitoring | Yes | | | |
| AC Short Circuit Protection | Yes | | | |
| General Specifications | | | | |
| Dimensions W x H x D | 515x585x287mm | | | |
| Weight | 51kg | | | 55kg |
| Operating Temperature Range | -25°C ~ +60°C | | | |
| Cooling Type | Fan Cooling | | | |
| Max. Operating Altitude | 4000m | | | |
| Max. Operating Humidity | 0-100%(No Condensation) | | | |
| AC Output Terminal Type | OT terminal | | | |
| IP Class | IP66 | | | |
| Topology | Transformer-less | | | |
| Communication | RS485/Wifi/4G | | | |
| Display | LCD | | | |
| Certification & Standard | EN/IEC62109-1;EN/IEC62109-2;IEC/EN 61000-6-1;IEC/EN 61000-6-3;IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683; IEC60068;IEC60529;IEC62116;IEC61727;EN50549-1;NC RIG;NRS 097;VDE-AR-N-4105;VDE0126;CEI0-21;C10/C11 | | | |

* Specifications subject to change without prior notice.