

BlueWave Series

NEW

Three Phase / 1500 Vdc / 350 kW

Lower CapEx and OpEx

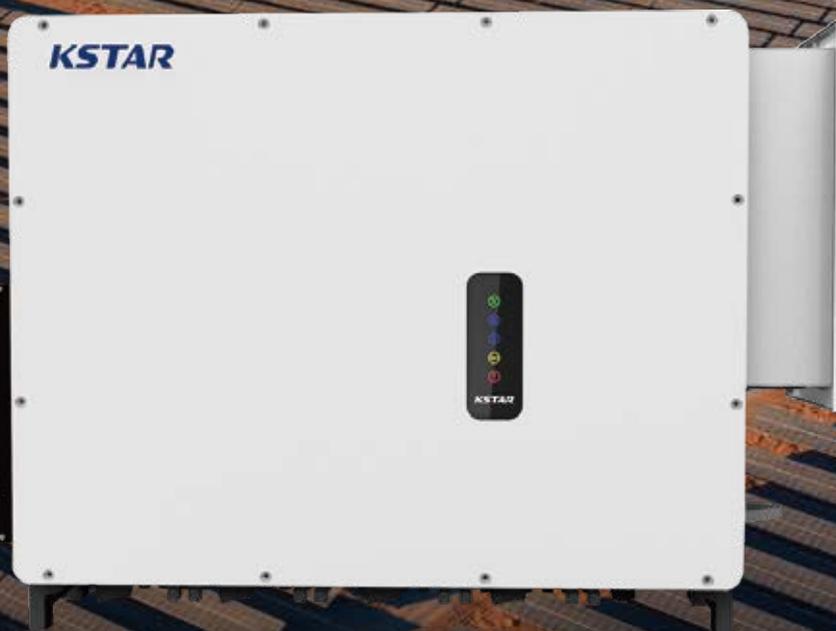
- ▶ Power Line Communication (PLC)
- ▶ Night SVG Function
- ▶ Support Both Al and Cu Cable

Maximize Solar Yield

- ▶ 16 Independent MPPT
- ▶ Max. Efficiency up to 99%
- ▶ Smart I-V Curve Scan

Improved Safety

- ▶ Type II DC & AC SPD
- ▶ Anti-PID Function
- ▶ AFCI Optional



| MODEL | G350KTHC | G350KTH |
|-------------------------------------|----------------------------|---------|
| Input (DC) | | |
| Max. DC Voltage | 1500 V | |
| Max. Input Current per MPPT | 30 A | 40 A |
| Max. Short-circuit Current per MPPT | 45 A | 60 A |
| Start Voltage | 650 V | |
| MPPT Voltage Range | 500 V ~ 1500 V | |
| Number of Strings | 32 | 24 |
| Number of MPPT | 16 | 12 |
| Strings per MPPT | 2 | |
| Output (AC) | | |
| Nominal AC Output Power | 350 kW | |
| Max. AC Apparent Power | 352 kVA | |
| Nominal AC Voltage | 800 V, 3W+PE | |
| Nominal Frequency | 50 / 60 Hz \pm 5Hz | |
| Frequency Range | 45 ~ 55 Hz / 55 ~ 65 Hz | |
| Max. Output Current | 254 A | |
| Power Factor (cos Φ) | 0.8 leading - 0.8 lagging | |
| THDi | < 3% (at nominal power) | |
| Efficiency | | |
| Max. Efficiency | 99% | |
| Protection Devices | | |
| DC Switch | Yes | |
| Anti-islanding Protection | Yes | |
| Over Current Protection | Yes | |
| DC Reverse Polarity Protection | Yes | |
| String Fault Detection | Yes | |
| DC / AC Surge Protection | Type II | |
| AC Short Circuit Protection | Yes | |
| Residual Current Detection | Yes | |
| PID Recovery | Optional | |
| Night SVG Function | Optional | |
| General Specifications | | |
| Dimensions (W x H x D) | 1180 x 860 x 362 mm | |
| Weight | 125 kg | |
| Operating Temperature Range | -30 ~ 60°C | |
| Cooling Type | Fan Cooling | |
| Max. Operation Altitude | 5000 m (> 3000 m Derating) | |
| Max. Operating Humidity | 0 ~ 100% (non-condensing) | |
| AC Output Terminal Type | OT terminal | |
| IP Class | IP66 | |
| Noise (dB) | \leq 75 dB | |
| Topology | Transformerless | |
| Communication | Modbus RS-485 / PLC | |
| Display | LED, Buletooth+APP | |