

BluE-G SINGLE PHASE SERIES

BluE-G 1000S / BluE-G 1500S /
BluE-G 2000S / BluE-G 3000S



String Grid-Tied PV Inverter



Max. PV voltage up to 600V
DC/AC ratio up to 1.5



Compatible for big capacity PV panel
WiFi / 4G Plug optional



Type II DC SPD/Type III AC SPD
IP65 protection



High efficiency up to 97.6%
Smaller and lighter

| MODEL | BluE-G 1000S | BluE-G 1500S | BluE-G 2000S | BluE-G 3000S |
|-------------------------------------|---|-----------------|-----------------|-----------------|
| Input(DC) | | | | |
| Max. DC Voltage | 600Vdc | 600Vdc | 600Vdc | 600Vdc |
| Nominal Voltage | 380Vdc | 380Vdc | 380Vdc | 380Vdc |
| Start Voltage | 60V | 80V | 80V | 80V |
| MPPT Voltage Range | 60V-560V | 80V-560V | 80V-560V | 80V-560V |
| Number of MPP Tracker | 1 | 1 | 1 | 1 |
| Strings Per MPP Tracker | 1 | 1 | 1 | 1 |
| Max. input Current Per MPPT | 13A | 13A | 13A | 13A |
| Max. Short-circuit Current Per MPPT | 15.6A | 15.6A | 15.6A | 15.6A |
| Output(AC) | | | | |
| Nominal AC Output Power | 1000W | 1500W | 2000W | 3000W |
| Max. AC Apparent Power | 1100VA | 1650VA | 2200VA | 3300VA |
| Nominal AC Voltage | 230V L-N | 230V L-N | 230V L-N | 230V L-N |
| AC Grid Frequency Range | 50Hz / 60Hz±5Hz | 50Hz / 60Hz±5Hz | 50Hz / 60Hz±5Hz | 50Hz / 60Hz±5Hz |
| Max. Output Current (A) | 4.8A | 7.2A | 9.6A | 14.4A |
| Power Factor (cosΦ) | 0.8 leading to 0.8 lagging | | | |
| THDi | <3% | | | |
| Efficiency | | | | |
| Max. Efficiency | 97.00% | 97.50% | 97.50% | 97.60% |
| Euro Efficiency | 96.50% | 97.00% | 97.00% | 97.00% |
| Protection devices | | | | |
| DC Switch | Yes | Yes | Yes | Yes |
| Anti-islanding Protection | Yes | Yes | Yes | Yes |
| Output Over Current | Yes | Yes | Yes | Yes |
| DC Reverse Polarity Protection | Yes | Yes | Yes | Yes |
| String Fault Detection | Yes | Yes | Yes | Yes |
| Surge Protection | DC Type III;AC Type III | | | |
| Insulation Detection | Yes | Yes | Yes | Yes |
| AC Short Circuit Protection | Yes | Yes | Yes | Yes |
| General Specifications | | | | |
| Dimensions W x H x D | 350*290*120mm | | | |
| Weight | 7.3kg | 8kg | 8kg | 8kg |
| Environment | | | | |
| Operating Temperature Range | -25°C~+60°C | | | |
| Cooling Type | Natural | | | |
| Max. Operation Altitude | 4000m | | | |
| Max. Operation Humidity | 0-100% | | | |
| AC Output Terminal Type | Quick Connector | | | |
| IP Class | IP65 | | | |
| Topology | Transformer-less | | | |
| Communication Interface | RS485/WIFI/4G | | | |
| Display | LCD | | | |
| Certification & Standard | EN/IEC62109-1/2 ; IEC/EN61000-6-2;IEC/EN61000-6-4;IEC62116;IEC61727;EN50549-1 | | | |

*Specifications subject to change without prior notice.

KSTAR

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