

BluE Series

Three Phase / On-grid / 15-25 kW



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



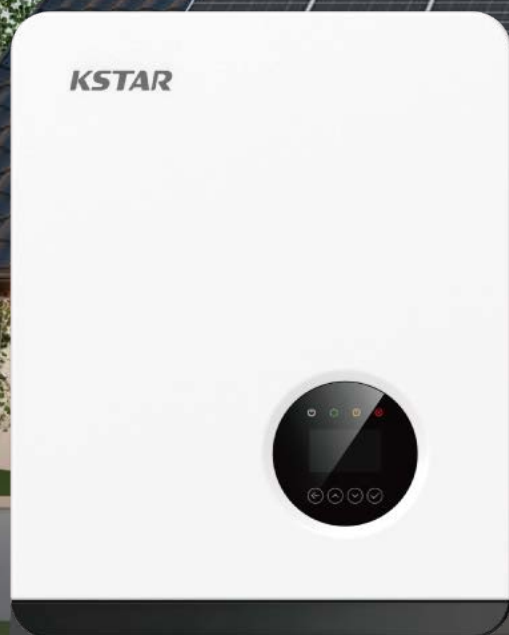
Compatible for Big Capacity PV Panel
WiFi / 4G Plug Optional



DC / AC Ratio up to 1.3
IP66 Protection



High Efficiency up to 98.6%
Smaller and Lighter



| MODEL | BluE-15KT-M1 | BluE-17KT-M1 | BluE-20KT-M1 | BluE-25KT-M1 |
|-------------------------------------|---|--------------|--------------|--------------|
| Input (DC) | | | | |
| Max. DC Voltage | 1100 V | | | |
| Nominal Voltage | 650 V | | | |
| Start Voltage | 250 V | | | |
| MPPT Voltage Range | 140 V ~ 1000 V | | | |
| Number of MPPT Tracker | 2 | | | |
| Strings per MPPT Tracker | 2 / 1 | 2 | 2 | 2 |
| Max. input Current per MPPT | 30 A / 15 A | 30 A | 30 A | 30 A |
| Max. Short-circuit Current per MPPT | 40 A / 20 A | 40 A | 40 A | 40 A |
| Output (AC) | | | | |
| Nominal AC Output Power | 15000 W | 17000 W | 20000 W | 25000 W |
| Max. AC Output Power | 16500 VA | 18700 VA | 22000 VA | 27500 VA |
| Nominal AC Voltage | 400 / 230 V, 3P+N+PE | | | |
| AC Grid Frequency Range | 50 Hz / 60 Hz ±5Hz | | | |
| Max. Output Current | 23.9 A | 27.1 A | 31.9 A | 39.9 A |
| Power Factor (cosΦ) | 0.8 leading - 0.8 lagging | | | |
| THDi | 3% | | | |
| Efficiency | | | | |
| Max. Efficiency | 98.6% | | | |
| Euro Efficiency | 98.2% | 98.3% | 98.3% | 98.3% |
| Protection Devices | | | | |
| DC Switch | Yes | | | |
| Anti-islanding Protection | Yes | | | |
| Output Over Current Protection | Yes | | | |
| DC Reverse Polarity Protection | Yes | | | |
| String Fault Detection | Yes | | | |
| AC / DC Surge Protection | DC Type II; AC Type III; Type II Optional | | | |
| Insulation Detection | Yes | | | |
| AC Short Circuit Protection | Yes | | | |
| General Specifications | | | | |
| Dimensions (W x H x D) | 380 x 483 x 193 mm | | | |
| Weight | 20.7 kg | | | |
| Operating Temperature Range | -25°C ~+ 60°C | | | |
| Cooling Type | Fan Cooling | | | |
| Max. Operating Altitude | 4000 m | | | |
| Max. Operating Humidity | 0 ~ 100% (No condensation) | | | |
| AC Output Terminal Type | Connector | | | |
| IP Class | IP66 | | | |
| Topology | Transformerless | | | |
| Communication Interface | RS-485 / WIFI / 4G | | | |
| Display | LCD | | | |
| Certification & Standard | EN/IEC 62109-1/2; IEC/EN 61000-6-2; IEC/EN 61000-6-4; IEC 61683; IEC 60068; IEC 60529; IEC 62116; IEC 61727; EN 50549-1; VDE-AR-N-4105; VDE 0126-1-1; CEI 0-21; G99; C10/11; NB/T 32004-2018; GB/T 19964-2012 | | | |