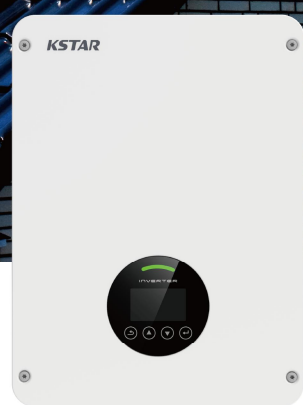




BluE-G SERIES SINGLE PHASE

BluE-G 1000S-M1 / BluE-G 1500S-M1
BluE-G 2000S-M1 / BluE-G 3000S-M1




PV On-Grid String 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
IP66 Protection

 High Efficiency up to 97.6%
Smaller and Lighter

MODEL	BluE-G 1000S-M1	BluE-G 1500S-M1	BluE-G 2000S-M1	BluE-G 3000S-M1
Input(DC)				
Max. DC Voltage	600Vdc	600Vdc	600Vdc	600Vdc
Nominal Voltage	380Vdc	380Vdc	380Vdc	380Vdc
Start Voltage ¹	60V	80V	80V	80V
MPPT Voltage Range	60V-560V	80V-560V	80V-560V	80V-560V
Number of MPPT	1	1	1	1
Strings Per MPPT	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 (cos Φ)	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 Protection	Yes	Yes	Yes	Yes
DC Reverse Polarity Protection	Yes	Yes	Yes	Yes
String Fault Detection	Yes	Yes	Yes	Yes
DC/AC Surge Protection	DC Type II; 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. Operating Altitude	4000m			
Max. Operating Humidity	0-100%			
AC Output Terminal Type	Quick Connector			
IP Class	IP66			
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.
¹. Minimum voltage for inverter to start power output.