

# 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  
IP66 protection



High efficiency up to 97.6%  
Smaller and lighter

MODEL	BluE-G 1000S	BluE-G 1500S	BluE-G 2000S	BluE-G 3000S
<b>Input(DC)</b>				
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 MPPT Tracker	1	1	1	1
Strings Per MPPT 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
<b>Output(AC)</b>				
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%			
<b>Efficiency</b>				
Max. Efficiency	97.00%	97.50%	97.50%	97.60%
Euro Efficiency	96.50%	97.00%	97.00%	97.00%
<b>Protection devices</b>				
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 II;AC Type III			
Insulation Detection	Yes	Yes	Yes	Yes
AC Short Circuit Protection	Yes	Yes	Yes	Yes
<b>General Specifications</b>				
Dimensions W x H x D	350*290*120mm			
Weight	7.3kg	8kg	8kg	8kg
<b>Environment</b>				
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	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.

**KSTAR**

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