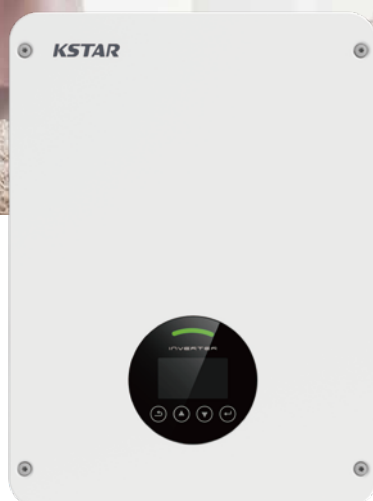


# BluE-G Series

Single Phase / On-grid / 3 kW



Max. PV Voltage up to 600 V  
DC / AC Ratio up to 1.5



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



Type III DC SPD / Type III AC SPD  
IP66 Protection



High Efficiency up to 97.6%  
Smaller and Lighter

MODEL	BluE-G 3000S-G2
<b>Input (DC)</b>	
Max. DC Voltage	600 V
Nominal Voltage	380 V
Start Voltage <sup>1)</sup>	80 V
MPPT Voltage Range	80 ~ 560 V
Number of MPPT	1
Strings Per MPPT	1
Max. input Current Per MPPT	13 A
Max. Short-circuit Current Per MPPT	15.6 A
<b>Output (AC)</b>	
Nominal AC Output Power	3000 W
Max. AC Apparent Power	3300 VA
Nominal AC Voltage	230 V L-N
AC Grid Frequency Range	50 Hz / 60 Hz (±5 Hz)
Max. Output Current (A)	14.4 A
Power Factor (cosΦ)	0.8 (Leading) ~ 0.8 (Lagging)
THDi	< 3%
<b>Efficiency</b>	
Max. Efficiency	97.60%
Euro Efficiency	97.00%
<b>Protection devices</b>	
DC Switch	Yes
Anti-islanding Protection	Yes
Output Over Current Protection	Yes
DC Reverse Polarity Protection	Yes
String Fault Detection	Yes
DC / AC Surge Protection	DC Type III; AC Type III
Insulation Detection	Yes
AC Short Circuit Protection	Yes
AFCI Function	Optional
PID Recovery	Optional
<b>General Specifications</b>	
Dimensions (W x H x D)	350 x 290 x 120 mm
Weight	8 kg
Operating Temperature Range	-25°C ~ +60°C
Cooling Type	Natural
Max. Operating Altitude	4000 m
Max. Operating Humidity	0 ~ 100%
AC Output Terminal Type	Quick 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 62116; IEC 61727; EN 50549-1; MEA; PEA

1) Minimum voltage for inverter to start power output.