

BlueE-G SERIES

3000S/3000D/3600D/4000D/4600D/5000D/6000D



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- * Max. PV voltage up to 600V
- * DC power up to 1.35 ratio
- * High efficiency up to 97.8%
- * Smaller and lighter
- * DC/AC surge protection
- * Reactive power controller
- * WiFi / GPRS Plug optional

MODEL	BluE-G-3000S	BluE-G-3000D	BluE-G-3600D	BluE-G-4000D	BluE-G-4600D	BluE-G-5000D	BluE-G-6000D
Input							
Max. DC power	4050W	4050W	4860W	5400W	6210W	6750W	8100W
Max./Rated DC voltage	600V / 380V						
Min. / Start DC voltage	120V / 150V						
MPPT voltage range	80V-550V						
Number of MPPT	1	2					
Strings per MPPT	1						
Max. input current per MPPT	13A	11A					
Output							
Rated AC output power	3000W	3000W	3600W	4000W	4600W	5000W	6000W
Max. AC output power	3300W	3300W	3960W	4400W	5060W	5500W	6600W
Rated AC voltage	230Vac						
AC voltage range	230Vac±20%						
Rated AC grid frequency	50 / 60Hz						
AC grid frequency range	50 / 60Hz(±5Hz)						
Max. output current	14.3A	17.2A	19.1A	22A	23.9A	28.7A	
Power factor (cosΦ)	0.8 leading ~ 0.8 lagging						
THDi	<3%						
AC connection	LN+PE						
Topology	Transformer-less						
Efficiency							
Max. efficiency	97.8%						
Euro efficiency	97.5%						
Standby consumption	<5W/<1W						
Protection devices							
Residual current monitoring unit	Yes						
Ground fault protection	Yes						
Anti-islanding protection	Yes						
Output over voltage protection	Yes						
Output over current protection	Yes						
Output short protection	Yes						
DC reverse-polarity protection	Yes						
Physical							
Dimensions W x H x D (mm)	380X380X150						
Weight(kg)	10			11			
Environment							
Operating temperature range	-25°C~+60°C						
Noise emission (typical)	<25dB						
Cooling type	Natural cooling						
Protection rating	IP65						
Features							
Display	LED & LCD						
Interfaces	RS485						
Optional	DC Switch / WiFi Plug / GPRS Plug						

Specifications subject to change without prior notice.

KSTAR

Stock code: 002518

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