

BlueGlow Series **NEW**

Single Phase / On-grid / 7-12 kW



Max. PV Voltage up to 600 V
Type II DC / Type III AC SPD



Reactive Power Control
WiFi / 4G Plug Optional



DC / AC Ratio up to 1.5
AFCI Optional



High Efficiency up to 97.5%
Smaller and Lighter



MODEL	G7K	G8K	G9K	G10K	G11K	G12K
Input (DC)						
Recommended Max. PV Array Input Power @STC	10.5 kWp	12 kWp	13.5 kWp	15 kWp	16.5 kWp	18 kWp
Max. DC Voltage	600 V					
Nominal Voltage	360 V					
Start Voltage	80 V					
MPPT Voltage Range	60 V ~ 550 V					
MPPT Voltage Range at Full Load	170 ~ 480	200 ~ 480	220 ~ 480	250 ~ 480	270 ~ 480	290 ~ 480
Number of MPPT	3					
No. of Strings per MPPT	1					
No. of Strings per Input	3					
Max. Input Current per MPPT	15 A*3					
Max. Short-circuit Current per MPPT	20 A*3					
Output (AC)						
Nominal AC Output Power	7000 W	8000 W	9000 W	10000 W	11000 W	12000 W
Max. AC Apparent Power	7000 VA	8000 VA	9000 VA	10000 VA	11000 VA	12000 VA
Max. AC Output Power	7000 W	8000 W	9000 W	10000 W	11000 W	12000 W
Nominal AC Voltage	220 V					
AC Grid Frequency Range	50 Hz / 60 Hz (±5Hz)					
Rated Output Current	31.8 A	36.4 A	40.9 A	45.5 A	50 A	54.5 A
Maximum Output Current	31.8 A	36.4 A	40.9 A	45.5 A	50 A	54.5 A
Power Factor (Φ)	0.8 leading - 0.8 lagging					
THDi	3%					
Efficiency						
Max. Efficiency	98.1%					
Euro Efficiency	97.5%					
Protection Devices						
DC Switch	Yes					
Output Over Current Protection	Yes					
Anti-islanding Protection	Yes					
DC Reverse Polarity Protection	Yes					
String Fault Detection	Yes					
Overvoltage Category	DC Type II; AC Type III					
Insulation Detection	Yes					
AC Short Circuit Protection	Yes					
AFCI Protection	Option					
General Specifications						
Dimensions (W x H x D)	380 x 483 x 161 mm			380 x 483 x 193 mm		
Weight	14.5 kg		15 kg		18 kg	
Operating Temperature Range	-25°C ~+ 60°C					
Cooling Type	Fan Cooling					
Max. Operating Altitude	≤ 4000 m					
Max. Operating Humidity	0 - 100% (No Condensation)					
IP Class	IP66					
Topology	Transformerless					
Communication	RS-485 / WIFI / GPRS / Bluetooth					
Display	LCD / Bluetooth + App					

* This page is for reference only, please refer to the actual contract. The product will be available in the second quarter of 2024