

# **BERGEY BWC EXCEL S/60**

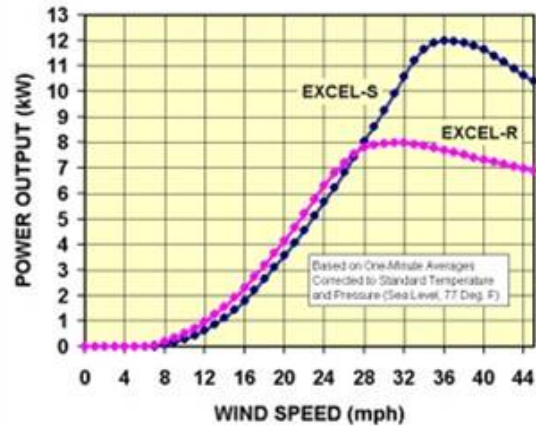
- 10 KW CLASS WIND TURBINE
- CERTIFIED BY CALIFORNIA ENERGY COMMISSION
- SIMPLE DESIGN—3 MOVING PARTS
- NO SCHEDULED MAINTENANCE
- DESIGNED FOR 30+ YEARS OF OPERATION



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# BERGEY BWC EXCEL S/60

The Bergey BWC Excel is a rugged and reliable small wind turbine that has been proven in hundreds of installations around the world. It comes from the world's leading manufacturer of small wind turbines and is backed by the longest warranty in the industry. Reduce your electric bills at your home or business. The BWC Excel will deliver years of "worry-free" power.



## Technical Specifications

**Rated Capacity:**  
10kW

**Rotor Diameter:**  
22 ft (6.7 m)

**Weight:**  
1,020 lbs (464 kg)

**Type:**  
Up-wind, Horizontal Axis aligned by tail

**Blades:**  
(3) Pultruded Fiberglass

**Rated Speed:**  
300 rpm

**Alternator:**  
Direct-drive permanent magnet alternator

**Yaw Control:**  
Passive

**Braking System:**  
Electrical Braking system

**Cut-in Wind Speed:**  
7.5 mph (3.4 m/s)

**Rated Wind Speed:**  
29 mph (13 m/s)

**Furling Wind Speed:**  
36 mph (16 m/s)

**Maximum Design Wind Speed:**  
120 mph (54 m/s)



### POWERSYNC II INVERTER

- Grid-Intertie Inverter for the 10 kW BWC Excel Wind Turbine
  - Rated Power: 12 kW
  - Efficiency: 93%
- Output: 240 VAC, 60 Hz, 1 ph
  - IGBT/DSP Digital Design
    - UL Listed
  - Mounting: Indoor
  - 3 year Warranty



**monarch**  
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**Exclusive**  
**10 YEAR**  
**Warranty**  
They're Just Built Better!

