



Bergey Turbines are
Tornado-Tuff
 Designed, Built, and Proven
 in America's Tornado Alley

AET

Exclusive
5 YEAR
Warranty

BWC EXCEL

10kW CLASS

WIND TURBINE

- 5-YEAR WARRANTY
- AMERICA'S BEST SELLING RESIDENTIAL SYSTEM
- CERTIFIED BY CALIFORNIA ENERGY COMMISSION
- SIMPLE DESIGN - 3 MOVING PARTS
- PATENTED POWERFLEX® ROTOR SYSTEM
- AUTOFURL® AUTOMATIC STORM PROTECTION
- DIRECT-DRIVE PM ALTERNATOR
- NO SCHEDULED MAINTENANCE REQUIRED
- HEAVY-DUTY CONSTRUCTION
- DESIGNED FOR 30+ YEARS
- POLYURETHANE AIRCRAFT-QUALITY PAINT
- PROVEN, OVER 50 MILLION OPERATIONAL HOURS

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. Whether you want to reduce the electric bills at your home or power a critical load far from the power grid, the BWC Excel will deliver years of "worry-free" power.

Excel-S: Grid-Intertie Applications (10kW)
 Excel-R: Battery Charging Applications (7.5kW)
 Excel-PD: Pumping Applications (10kW)



Excel-S GridTek 10
 Power Processor
 (AC output)



Excel-R OptiCharge
 Voltage Regulator
 (DC output)



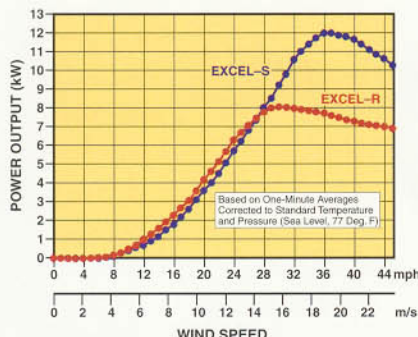
Net Weight: 1,050 lbs
 Shipping Weight: 1,200 lbs

THE ONLY MOVING PARTS ARE THE PARTS YOU SEE MOVING

PERFORMANCE

Start-up Wind Speed...7.5 mph
 Cut-In Wind Speed...8 mph
 Rated Wind Speed...31 mph
 Rated Rotor Speed...310 RPM
 Furling Wind Speed...36 mph
 Max. Design Wind Speed...125 mph
 (with Extra-Stiff Blades...150 mph)

POINT, CLICK, LEARN,
ANALYZE & BUY WISELY:
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Predicted Monthly Energy Production

Wind Speeds Taken at Top of Tower

Average Wind Speed	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph
Excel-S (AC kWh)	240	370	520	700	900	1,130	1,370
Excel-R (DC kWh)	340	500	680	880	1,090	1,320	1,550

Wind Speeds Taken at 10 meters (per standard wind resource maps)

Average Wind Speed	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph
60 ft. Tower	Excel-S 330, Excel-R 440	480, 620	670, 830	870, 1,050	1,110, 1,280	1,350, 1,510	1,610, 1,740
80 ft. Tower	Excel-S 430, Excel-R 560	620, 780	840, 1,030	1,100, 1,290	1,370, 1,550	1,670, 1,820	1,960, 2,060
100 ft. Tower	Excel-S 490, Excel-R 630	700, 870	950, 1,140	1,220, 1,410	1,510, 1,680	1,820, 1,950	2,130, 2,200
120 ft. Tower	Excel-S 550, Excel-R 700	780, 960	1,050, 1,240	1,340, 1,530	1,650, 1,800	1,970, 2,070	2,280, 2,320

Assumptions: Inland Site, Rayleigh Distribution, Shear Exponent = 0.18, Altitude = 1,000 ft.
 Note: Battery charge regulation (batteries full) will reduce actual Excel-R performance.
 Your Performance May Vary.



SIMPLICITY • RELIABILITY • PERFORMANCE

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