

# Solar Rating & Certification Corporation

## Small Wind Certification Program

Manufacturer: **Bergey Windpower Company**

Wind Turbine Model: **Excel 10** (240 VAC, 1-phase, 60 Hz)

Certification Number: **SWCC-10-12**



### Rated Annual Energy

Estimated annual energy production assuming an annual average wind speed of 5 m/s (11.2 mph), a Rayleigh wind speed distribution, sea-level air density and 100% availability. Actual production will vary depending on site conditions.

**13,800**  
kWh/year

### Rated Sound Level

The sound level that will not be exceeded 95% of the time, assuming an annual average wind speed of 5 m/s (11.2 mph), a Rayleigh wind speed distribution, sea-level air density, 100% availability and an observer location 60 m (~ 200 ft) from the rotor center.

**42.9**  
dB(A)

### Rated Power

The wind turbine power output at 11 m/s (24.6 mph) at standard sea-level conditions.

**8.9**  
kW

Certified to be in Conformance with:  
**AWEA Standard 9.1 – 2009**

For SWCC Summary Report, Certificate and certification status visit:  
[www.smallwindcertification.org](http://www.smallwindcertification.org)