

# BERGEY EXCEL 15

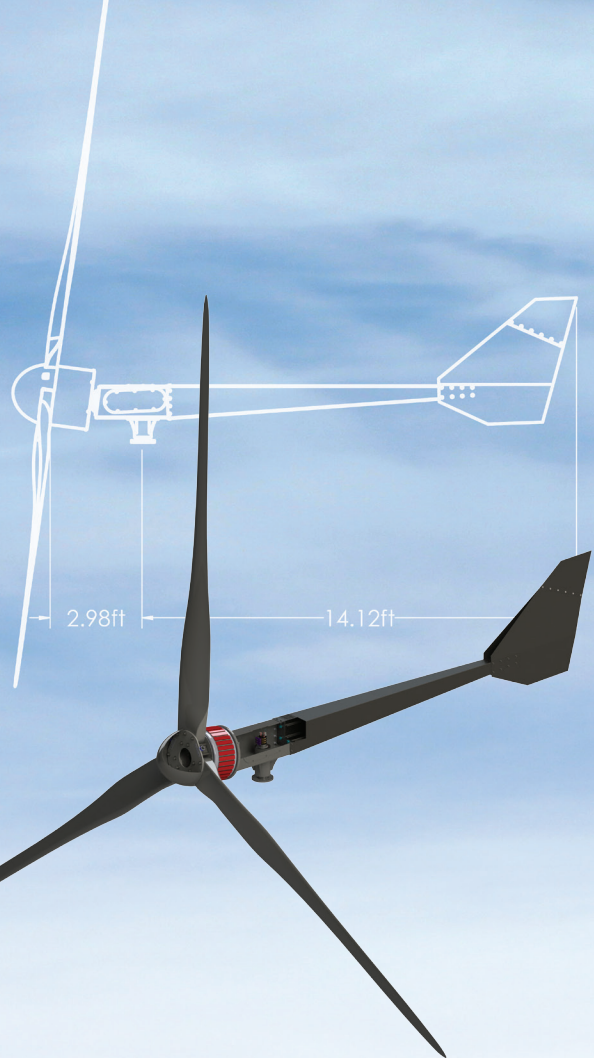
## Performance\*

- AWEA RATED POWER: 15.6 kW
- AWEA ANNUAL ENERGY: 30,100 kWh
- PEAK POWER: 21.8 kW
- CUT-IN WIND SPEED: 7 mph (3 m/s)
- START-UP WIND SPEED: 10 mph (4.5 m/s)
- CUT-OUT WIND SPEED: None
- MAX DESIGN WIND SPEED: 134 mph (60 m/s)
- ROTOR SPEED: 0–140 rpm

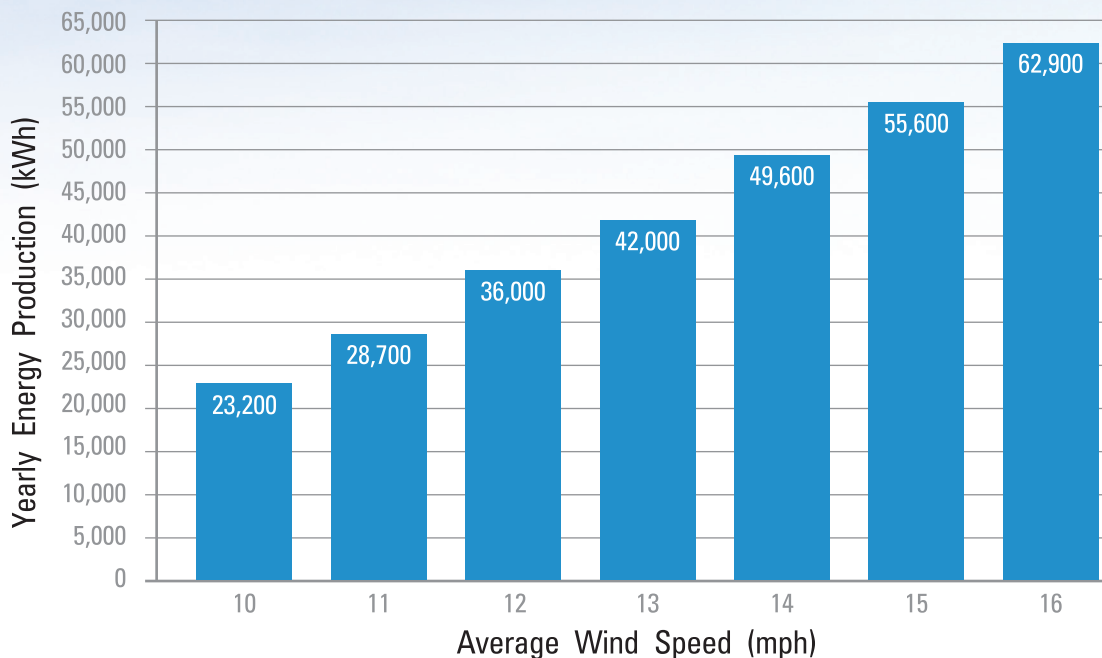
\*preliminary, pre-certification

## Specifications

- ROTOR DIAMETER: 31.5 ft. (9.6 m)
- WEIGHT: 1,400 lb. (640 kg)
- GEARBOX: None
- OVER SPEED PROTECTION: Blade Stall
- TEMPERATURE RANGE: -40/140° F (-40/60° C)
- TOWERS: Guyed and Non-guyed 80–160 ft. (18–49 m)
- INVERTER: 20 kW Powersync III, with dump load



## Annual Energy Output\*



\*preliminary, pre-certification

## Powersync III Inverter (20 kW)





# BERGEY EXCEL 15

## Advanced Technology – Superior Economics

Powerful. Super Efficient. Quiet. The Bergey Excel 15 is ideal for agricultural properties, larger rural homes, small businesses, public facilities, and electric car charging.



### Breakthrough Affordability:

- Affordable alternative to imported solar
- Greater savings
- Shorter paybacks
- Works in lower wind areas
- American-made
- Supports conversion to total-electric
- Tax credits and grants available

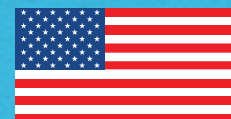


The **Excel 15** benefits from 40 years of experience from the world's leading supplier of small wind turbines.

### Advanced Technology:

- Extra-large high-efficiency rotor for increased energy capture
- Active speed control
- Direct-drive alternator
- Only two moving parts
- 20 kW Powersync III inverter
- Remote monitoring

PROUDLY MADE



IN THE USA



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