



BSE200WT-S Small Wind Turbine - Single

Overview

The small wind turbine is light and easy to mount on existing infrastructure. Multiple turbines can be "cascaded" for maximum power outputs from 200 W to 5,000 W, making this the ideal choice for augmenting site power for any size facility.

Mounting Options

- ❖ Pole
- ❖ Wall
- ❖ Tower
- ❖ Roof
- ❖ Billboard
- ❖ Signpost
- ❖ Lamppost

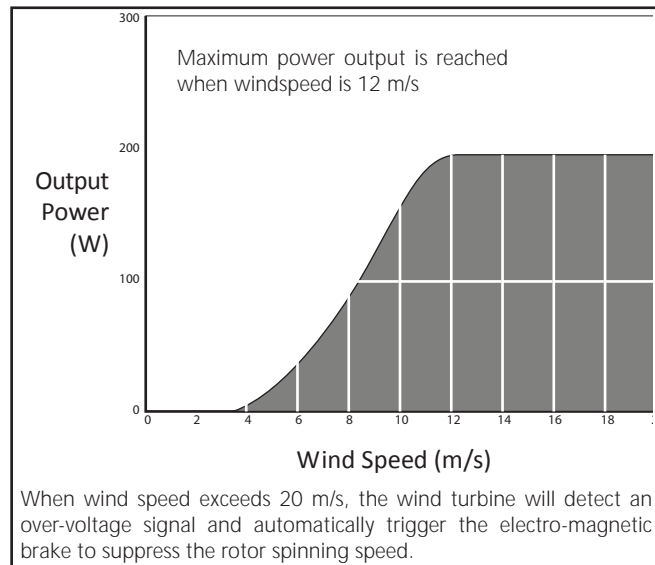
Types of Facility

- ❖ WiFi
- ❖ DAS
- ❖ Micro
- ❖ Macro
- ❖ Rooftop
- ❖ Raw Land
- ❖ Co-Locate

Features

- ❖ Low Noise
- ❖ Lightweight
- ❖ Omnidirectional

Wind Turbine General Specifications	
Type	Shrouded Design
Generator	Permanent Magnet
Max. Rated Power	200 W
System Voltage	12 VDC
Rotor Diameter	26.8 in (0.68 m)
Number of Blades/set	5
Start-up Wind Speed	6.7 mph (3.0 m/s)
Rated Wind Speed	26.8 mph (12.0 m/s)
Cut-out Wind Speed	44.7 mph (20.0 m/s)
Dimension (L×W×H)	35.9 in x 40.4 in x 13.0 in (912mm x 1026mm x 330mm)
Weight	24.3 lbs (11 kg)
Yawing Control	Passive - Automatic Adjustment
Brake	Electromagnetic

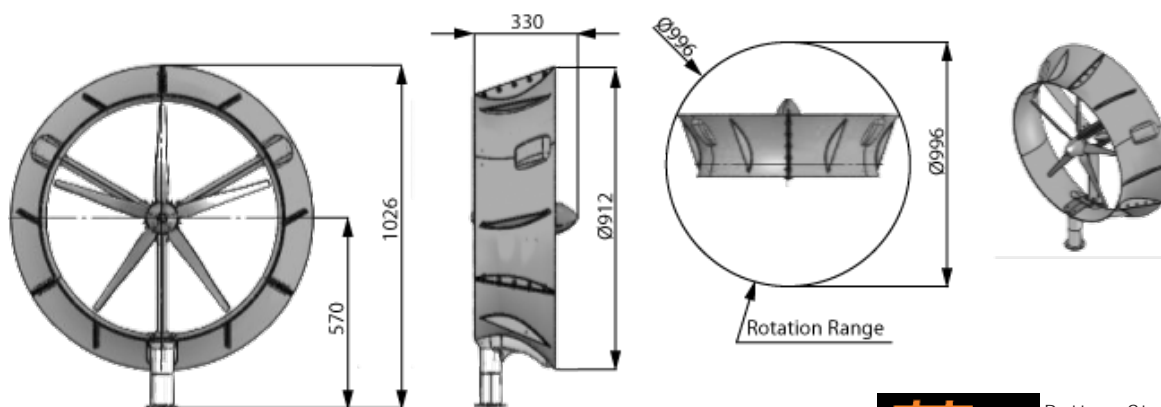


Charge Controller Electrical Specifications	
System Voltage	48 VDC
Input Voltage Range	0 V ~ 20 VDC
Max. Input Current	20 A
Max. Input Power	400 W
Max. Output Voltage	58 VDC
Max. Output Current	5 A
Max. Output Power	290 W
Self-Consumption	Standby Current < 0.05 A DC (48 VDC)

Environmental Specifications	
Operating Ambient Temperature	-30° ~ 50° C (-22° ~ 122° F)
Storage Temperature	-40° ~ 70° C (-40° ~ 158° F)
Humidity	≤95% (non-condensing)
Mechanical Specifications	
Dimensions (L×W×H)	7.64 in x 5.71 in x 6.34 in (194 mm × 145 mm × 162 mm)
Weight	8.8 lbs (4 kg)

Electrical Protections
Reverse polarity protection (any combination)
Short-circuit protection
Over-current protection
Internal brake system protection
Dump load brake system protection

Specifications are subject to change without notice



Wind Turbine Dimensions
(in millimeters)



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