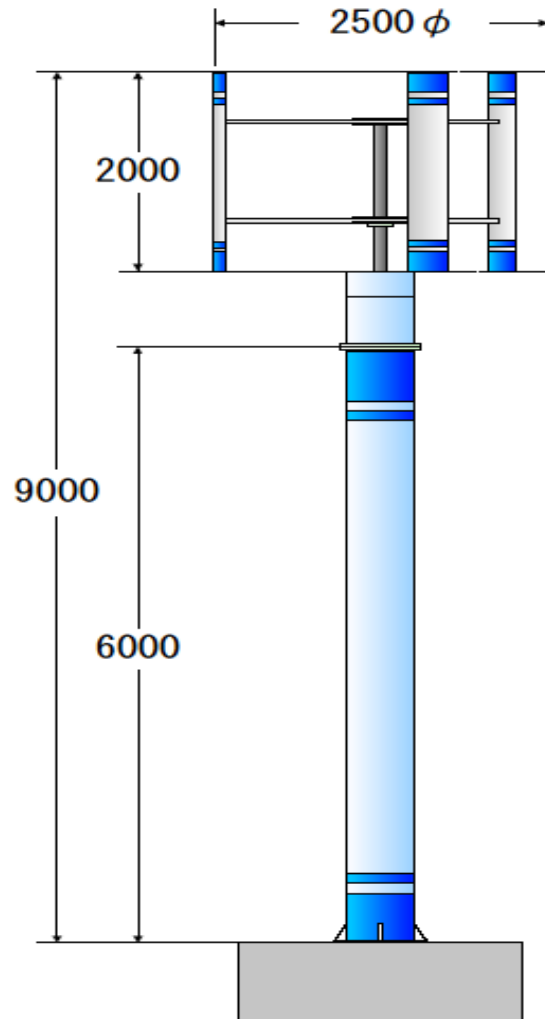


# Specification for 2kW Straight Blade Vertical Axis Wind Turbine

|                       |   |         |          |
|-----------------------|---|---------|----------|
| SPEC                  | 2kW Straight Blade Vertical Axis Type               |         |          |
| Performance Data      | Cut In  | Rated   | Cut Out  |
|                       | 3.0 m/s   | 8.0 m/s | 12.0 m/s |
|                       | 25rpm   | 183rpm  | 275 rpm  |
|                       | 25 W  | 500 W   | 1700 W   |
| Dimensions            | 2.5m $\phi$ $\times$ 9.0mH                          |         |          |
|                       | Blades: 5.0m $\phi$ $\times$ 5.0mH=25m <sup>2</sup> |         |          |
| Principal Materials   | Blades  | Shaft   | Tower    |
|                       | C-FRP   | SUS     | CS       |
| Other Main Components | Permanent Magnet Synchronizing Generator            |         |          |
|                       | Air Driven Disc Brake                               |         |          |



## **Actual Procurement—2kW**

