

iWIND i301 VERTICAL AXIS WIND TURBINE



System Includes:

- Turbine Blades
- Generator
- Controller Module

*Excluding pole, inverter, and installation

Unit Price: \$2195.00

Consumer Rebates Available

- Up to \$1000.00 Rebate from the California Energy Commission if Grid-tied upon CEC Certification
- Up to 30% Consumer Federal Tax Credit



Applications:

- Camouflage Portable Type
- General Portable Type
- Installed on the wall side and moveable
- Assembled and moveable
- Bundled with gardening and moveable
- Lighting in the yard and moveable
- Tubular Pole/tower fixed with concrete
- Wind/PV Hybrid Type
- Multiple Units Paralleled System
- Suitable for use on the platforms of urban/metropolitan buildings, parks, recreational places, small factories, communities, schools, farms, roads, bridges, etc.

Specifications:

| | |
|-----------------------------------|-----|
| Rated Power Output (Watts) | 400 |
| Rated Wind Speed (m/s) | 12 |
| Vertical Axis Type (VAWT) | Yes |
| Start-up Wind Speed (m/s) | <1 |
| Cut-in Wind Speed (m/s) | 2.5 |
| Survival Wind Speed (m/s) | 30 |
| Blade Length (m) | 1.2 |
| Rotor Diameter | 1.2 |
| High-efficiency PM Generator | Yes |
| Smart MPPT Controller | Yes |
| Dual Braking Systems (ABS/Manual) | Yes |

Other models available ranging from 100W to 10KW. Our sales associates can help determine the perfect product to suit your needs.



Blades:

1. Anti-UV, Acid-alkali-resistant
2. Heat & Cold Resistant
3. Omni-wind Directional
4. Safe Blades for urban/metropolitan areas

PM Generator:

1. Flux-concentrated for high efficiency
2. Disk-type Permanent Magnet Generator
3. Low-speed high-torque for low noise
4. No clogging torque for cutting in at low wind speed
5. Directly-driving extends product life

MPPT Controller:

1. Wind power/PV hybrid type
2. AC type
3. AC standalone type
4. AC grid-tie type