



P3000-AB

Vertical Axis Wind Turbine (VAWT)

Suitable for any Application; Urban to Rural, Residential to Commercial, Industrial to Institutional

Performance

Rated Power	3kW
Max Power	3.6kW
Rated Wind Speed	12m/s
Cut-In Speed	2.5m/s
Cut-Out Speed	25m/s
Survival Wind Speed	50m/s

Physical Parameters

Mill Diameter	3m
Mill Height	3.6m
Mill Weight	650kg
Tower Height & Weight	5.5m (450kg)

Generator Parameters

Type	PMG 3 Phase
Rated Voltage	AC 250V
Rated Current	AC 6.9A
Protection Level	IP54

Controller Output

Output Voltage(On-grid)	DC 50-375V
Output Voltage(Off-grid)	DC 48V

Over Speed Protection & Braking System

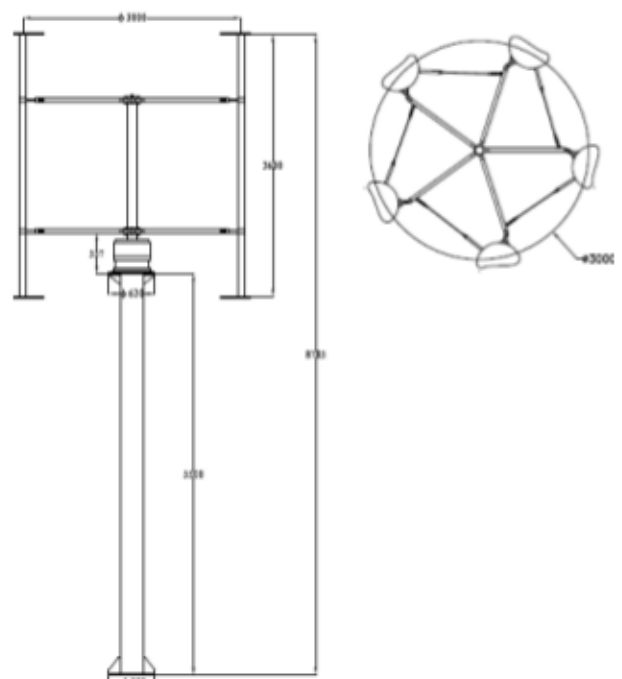
Speed Control Style	Pitch Control System
Brake Style	Automatic Magnet Brake

Advantages of VAWT

- Nearly Quiet
- Birds Friendly
- More Safety Features
- Wonderful Performance at Low Wind Speed
- Captures Wind from All Directions
- Longer Working Life
- Less Maintenance
- Less Requirements on Foundation
- Lower Supporting Tower

Advantages over Other VAWT

- High Efficiency
- Pitch Control to Govern Speed
- Automatic Magnet Brake





www.kawenergy.com
 kawenergy.com
 kaw@kaw.com
 Tel: +82-10-3242197



Annual Energy Production

Average Wind Speed(m/s)	2	3	4	5	6	7	8	9	10	11	12
Production (kWh)	332	1055	2340	4211	6503	8950	11320	13459	15266	16684	17700

Packing Size

Mark	Name	Volume	Gross(KG)	Net(KG)	Package
P3000-S/L	Long Arms	120cm*41cm*26cm	85	70	Plywood Box
P3000-S/S	Short Arms	61cm*61cm*41cm	48	38	Plywood Box
P3000-FRM	Generator Assembly	244cm*87cm*77cm	525	470	Steel Frame
P3000-B	Blades	369cm*58cm*15cm*5	25*5	21*5	Paper Box
P30000-C-G/I	On-grid Controller	60cm*40cm*25cm	25	20	Plywood Box

4 Cubic meters, Gross weight 804Kgs, Net weight 703Kgs

A 40ft open top container can hold 12 units. (excluding the tower)



P3000-FRM

Application

