

AWP3.7 Specification

Peak Power Rating	1500 W at 48V - 2000 W in 110/220V Inverter Grid Connect System
Energy Production	(Predicted) 4m/s 8KWHrs/Day, 5m/s 12KWHrs/Day,6m/s 20KWHrs/Day
Rated Wind Speed	12m/s
Start up wind Speed	3.5m/sec
Cut in Wind Speed	3m/sec
Alternator Design	30 Pole (Ceramic Magnet) Rotor, Laminated Axial Stator
Electrical Output	3 Phase 'Wild' AC, 0-100Hz, 12V,24V,36V,48V,96V,110/220V
Rotor Diameter	3.7 Meters
Maximum RPM	500
Number of Blades	3
Blade Construction	GRP Composite design
Speed/Power Control	Side Furling Gravity Return Yaw System
Max Design Windspeed	60m/sec
Configuration	Upwind Rotor - furling tail
Corrosion protection	Powder coated (White)
Marine protection	Hot dip galvanised
Cable Connection	Heavy duty slip rings
Tower Top Mounting	3 Inch (80mm NB) Table D Flange - (4 x 18mm Bolts 150mm PCD)
Tower Top Weight	120Kgs (220 Pounds)
Battery Charge Control	Turbine Side ,high side diversion dump control
Dump Load	Wall mounted resistive heater 1500W
Shipping dimensions	160Kg (308 Pound) Crate 1900x 570x 540mm (74x23x21ins)

African Windpower reserves the right to change these specifications with out prior warning.

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