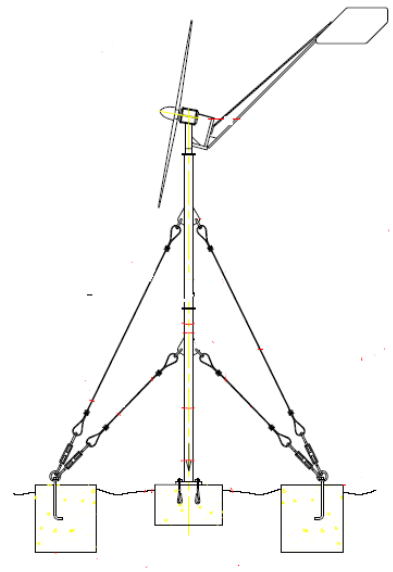




FORTIS
WIND ENERGY
GREAT IN SMALL TURBINES

Fortis Passaat 1.4kW wind turbine system



Part number	Type	Description
1400-0-14	Passaat 1.4kW Off-Grid	Configuration with Voltage Controller & Battery charger MP-30A-48V and Victron Inverter 3000W 48V/230VAC

Fortis Passaat unique features

- Quietest Turbine in the Industry
- Maintenance free
- Over 6,400 Fortis wind turbines installed world wide
- 30 years of Environmentally Friendly design & Manufacturing experience
- Easy installation
- 5 year warranty
- Average lifetime for wind turbine is over 20 years



Technical Specifications

Max. output	1400Watt
Output @ 11m/sec	900Watt
Wind speed:	
cut in	2.5 m/sec.
rated	16 m/sec.
survival	60 m/sec.
Rotor blades:	
number	3
diameter	3.12 m
area	7.64m ²
airfoil	E387
tip speed ratio	6.9
material	glass-fibre reinforced epoxy
Generator:	
type	Brushless permanent 12-pole
RPM operation range	180 - 775
voltage	24V- 350VDC standard other voltages on request
frequency	0-70 Hz
Other:	
gearbox	none
braking mechanism	none
rotor speed control	Inclined hinged vane
output control	voltage control with dump load
rectifiers	built inside controller
hub type	rigid
yaw system	tail vane
rotor position	Upwind rotor with fixed pitch
tower	guyed steel tubular (height: 12 - 24m)
tower	free standing tube mast (height: 12 - 18m)
Head weight	75 kg

Contact us now for more information

FORTIS Wind Energy

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Your local Fortis partner:

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