AIR™ COMPLETES ANY OFF GRID SYSTEM

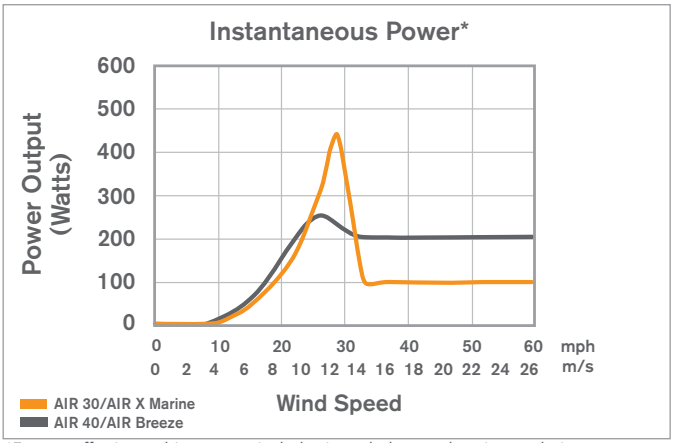
- SIMPLE, AFFORDABLE, RELIABLE POWER
- EASILY INTEGRATES WITH PV
- MAXIMUM POWER IN WINTER
- NIGHT TIME POWER PRODUCTION
- OVER 150,000 UNITS INSTALLED SINCE 1995

primuswindpower

MANUFACTURED IN COLORADO, USA
www.primuswindpower.com

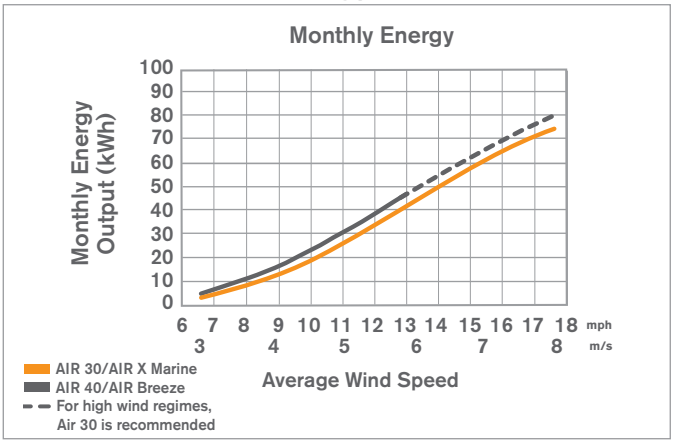
TURBINE SPECIFICATIONS

AIR Power Curve



*Factors affecting turbine output include site turbulence, elevation and air temperature

AIR Energy Curve



Technical Specifications

AIR BREEZE/AIR 40/AIR 30/AIR X MARINE	
Energy	**AIR 40/AIR Breeze:** Approx. 40 kWh/mo at 5.5 m/s (12 mph) **AIR 30/AIR X Marine:** Approx. 30 kWh/mo at 5.5 m/s (12 mph)
Optimal Operating Environment	**AIR 40/AIR Breeze:** Quiet operation in low to moderate wind regimes **AIR 30/AIR X Marine:** Industrial applications in moderate to high wind regimes
Swept Area	1.07 m^2 (11.5 ft^2)
Rotor Diameter	1.17 m (46 in)
Weight	5.9 kg (13 lb)
Shipping Dimensions	686 x 318 x 229 mm (27 x 12.5 x 9 in) 7.7 kg (17 lb)
Startup Wind Speed	**AIR 40/AIR Breeze:** 3.13 m/s (7 mph) **AIR 30/AIR X Marine:** 3.58 m/s (8 mph)
Voltage	12, 24 and 48 VDC
Turbine Controller	Mircoprocessor-based smart controller
Body	Cast aluminum (**AIR Beeze/AIR X Marine:** corrosion resistant paint)
Blades	(3) Injection-molded composite
Alternator	Permanent magnet brushless
Overspeed Protection	Electronic torque control
Survival Wind Speed	49.2 m/s (110 mph)
Mount	1.5 in schedule 40 pipe 48 mm (1.9 in) outer diameter
Warranty	5 year limited warranty

Applications	AIR 30 AIR X Marine	AIR 40 AIR Breeze
REMOTE HOMES		✓
MARINE AND SAILBOATS		✓
RECREATIONAL VEHICLES		✓
RAILROAD	✓	
TELECOMM	✓	
OIL AND GAS	✓	
SCADA SYSTEMS	✓	
LIGHTING SYSTEMS		✓
CATHODIC PROTECTION	✓	
COASTAL APPLICATIONS	✓	

Towers and Accessories

- 29′ EZ TOWER KIT (PIPE INCLUDED)
- 27′ GUYED TOWER KIT (PIPE NOT INCLUDED)
- 45′ GUYED TOWER KIT (PIPE NOT INCLUDED)
- 33′ MONOPOLE TOWER
- 36″ AND 48″ GALVANIZED AUGERS
- 9′ MARINE TOWER KIT
- MARINE TOWER HARDWARE KIT