aiR™ COMPLETES ANY OFF GRID SYSTEM
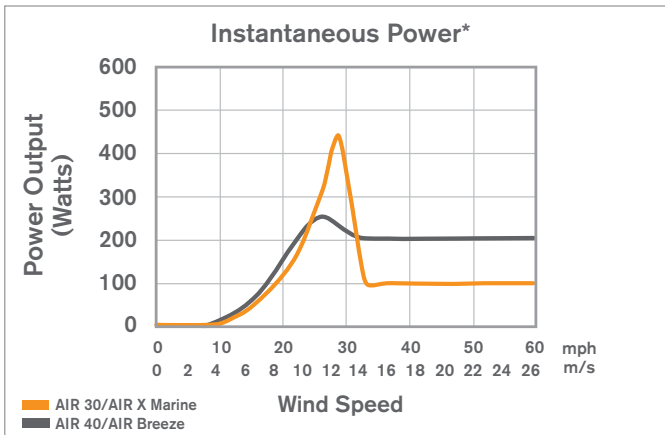
- ☑ SIMPLE, AFFORDABLE, RELIABLE POWER
- ☑ EASILY INTEGRATES WITH PV
- ☑ MAXIMUM POWER IN WINTER
- ☑ NIGHT TIME POWER PRODUCTION
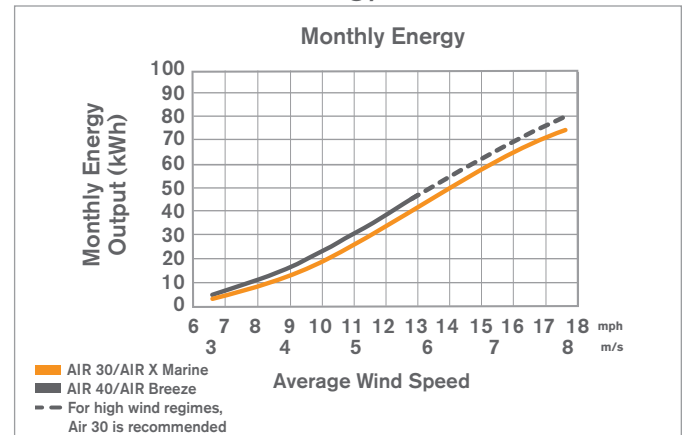- ☑ OVER 150,000 UNITS INSTALLED SINCE 1995

primuswindpower

MANUFACTURED IN COLORADO, USA
www.primuswindpower.com

AIR Power Curve

Instantaneous Power*

Power Output (Watts) vs Wind Speed (mph / m/s)

- AIR 30/AIR X Marine
- AIR 40/AIR Breeze

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

AIR Energy Curve

Monthly Energy

Monthly Energy Output (kWh) vs Average Wind Speed (mph / m/s)

- AIR 30/AIR X Marine
- AIR 40/AIR Breeze
- - - For high wind regimes, Air 30 is recommended

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 m² (11.5 ft²)
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

Applications	AIR 30 AIR X Marine	
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