

aiRTM COMPLETES ANY OFF GRID SYSTEM

- ✓ SIMPLE, AFFORDABLE, RELIABLE POWER
- ✓ EASILY INTEGRATES WITH SOLAR
- ✓ NEW CARBON FIBER MULTICOLOR BLADE-HUB DESIGN
- ✓ NIGHT TIME POWER PRODUCTION
- ✓ OVER 180,000 UNITS INSTALLED SINCE 1995

aiR 40

aiR 30

aiRmaxTM



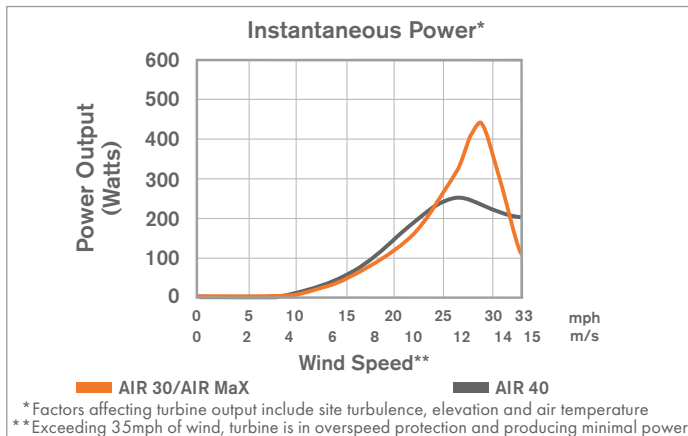
primuswindpower

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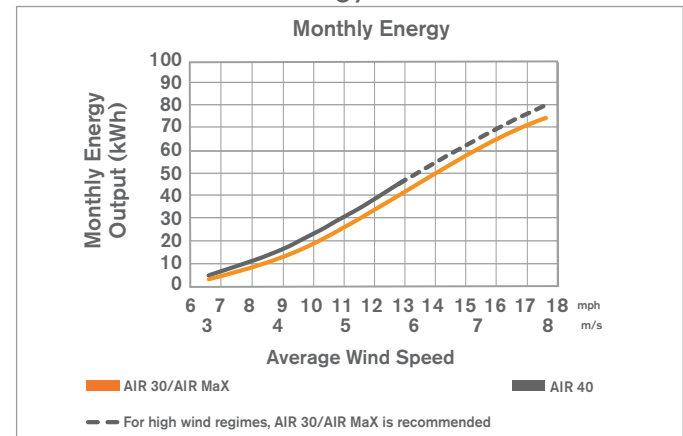
TURBINE SPECIFICATIONS



AIR Power Curve



AIR Energy Curve



Technical Specifications

AIR 40/AIR 30/AIR MaX	
Energy	AIR 40: Approx. 40 kWh/mo at 5.5 m/s (12 mph) AIR 30/AIR MaX: Approx. 30 kWh/mo at 5.5 m/s (12 mph)
Optimal Operating Environment	AIR 40: Quiet operation in low to moderate wind regimes AIR 30: Industrial application in moderate to high wind regimes AIR MaX: Very quiet operation 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: 3.13 m/s (7 mph) AIR 30/AIR MaX: 3.59 m/s (8 mph)
Voltage	12, 24 and 48 VDC
Turbine Controller	Microprocessor-based smart controller
Body	Grey cast aluminum housing with a basic finish
Blades	AIR 40/AIR 30: (3) Injection-molded composite black AIR MaX: (3) Hand laminated, carbon fiber (with low sound emissions) - Multi-color with new precision fit hub design
Alternator	Permanent magnet brushless
Overspeed Protection	Electronic torque control
Survival Wind Speed	40.2 m/s (90 mph)
Mount	1.5 in schedule 40 pipe 48 mm (1.9 in) outer diameter
Warranty	5 year limited warranty
Certifications	CE

3 AIR Turbines - 3 Blade Set Types

TURBINE	LOCATION	APPLICATION	WIND	SOUND
AIR 30	Land	Industrial O&G - Telecom	High	High
AIR MaX	Land	Residential - Educational	High	Very Low (CF Blades)
AIR 40	Land	Residential - Educational	Mod.	Low

* All AIR Models are 12/24/48V - Turbine is voltage specific per the battery bank. Not field adjustable.

** All 2021 AIR turbines are Lithium-Ion Battery compatible.

