



Reliable & affordable clean energy solutions.

Sensors & Monitoring





For organizations aiming to report lower scope 1 and 2 carbon levels, our products will help them gain a competitive advantage. With our unique power solutions, oil and gas companies can transition to a more reliable, more cost-effective form of energy – and reduce indirect and direct emissions.

We offer a wide array of power generation technology applications for the upstream, midstream, and downstream sectors. Our turbines can be used for monitoring, data collection, and sensing in order to guarantee integrity of oil and gas production, transportation and storage. Their high reliability and long lifespan can be used in remote applications on sensors or shelters for the O&G and mining industry. Built for easy installation in any setting and designed to withstand any environmental condition, our turbines guarantee clean, reliable power any place, any time.

Use Cases



Monitoring

- Tank level monitoring (storage tanks, drilling fluid, hydraulic and lubricating oil reservoirs)
- Flow monitoring (oil, gas, water, chemicals)
- Pressure and temperature monitoring for initial exploration and production
- Wellhead monitoring and controls for single well and multi well applications
- Injection and production well monitoring
- Microseismic monitoring (EQR, carbon sequestration, natural gas storage)
- Multi-well pad sites monitoring
- Burner management system monitoring



Fixed flame and gas detection



Communications and well site automation providing uninterruptible power solutions



Remote Telemetry Units, SCADA complete remote power systems, and other telecommunications sites



Surveillance and cathodic protection for pipelines



Valve control (electric actuators) automation



Advantages

- Logistics costs significantly reduced
- Increased safety & reliability
- Noiseless providing tactical advantages
- Minimum to no maintenance required
- Minimum environmental impact
- Energy production 24/7 (not limited to daylight hours only)
- Weather resilient
- Modular and mobile
- Easy setup and deployment
- Decentralized power for micro-grid applications





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Power

Nominal power¹:..... 600 W

Dimensions

Height:..... 1.7m / 5.58 ft

Width:..... 1.5m / 4.94 ft

Weight:..... 45 kg / 99.2 lb

Operation

Cut-in speed²:..... 5 km/h / 3.1 mph

Nominal speed:..... 40 km/h / 24.8 mph

Maximum speed:..... 209 km/h / 130 mph

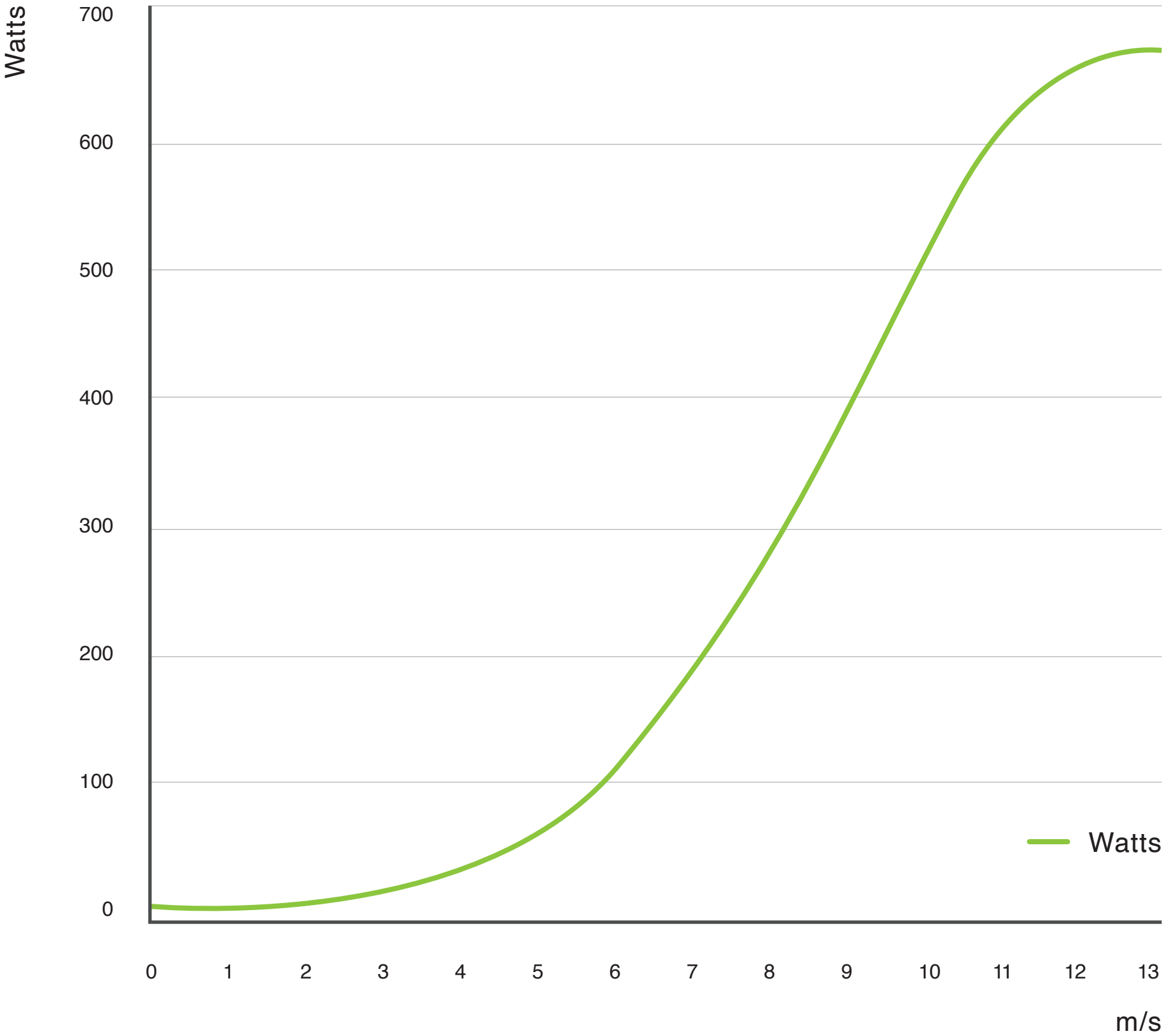
Generator

Type:..... permanent magnet

Voltage³:..... 12/24/48

Warranty:..... 25 years

¹ Rated at 11 m/s [24.6 mph], ² speed set to generate electricity, ³ 24V standard, 12 & 48V are optional.





	Move	Move+
Wattage (continuous).....	1500	3000
Wattage (surge)	3000	6000
AC output (VAC)	2 x 120	2 x 120
AC output (A).....	15	15
Battery detail.....	Lead - Acid	LiFePO4
Pack capacity.....	2500 Wh	3328 Wh
Life cycles (80% capacity).....	≥ 500	≥ 2,000
Maximum discharge rate.....	0.05CA	3C
Maximum charge rate.....	2C	2C
Management system	MPPT charge controller	MPPT charge controller
Low voltage battery protection.....	Yes	Yes
Input charging methods.....	Solar, wind	Solar, wind
USB A	Yes	Yes
USB C	Yes	Yes
USB PD	No	Yes
12V car port.....	No	Yes

Battery size and chemistry, inverter capacity and outputs can be modified.



For more information contact
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Visit us online at
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