



Bring adequate,
affordable energy
to even the most
remote, rural
locations.



nem^oi™ & m^ove™

Lack of infrastructure is one of the most prevalent challenges to the energy industry. Simple to operate, resilient, and adaptable, the Nemoi and MOVE provide uninterrupted power to any environment. Whether used as stand-alone units in isolated areas or used to create micro-grids, our products make renewable energy more accessible to all.

Semtive can provide reliable and cost-efficient off-grid power & micro-grid solutions for isolated areas or regions with lack of infrastructure.



About the MOVE

The MOVE is the ideal all-in-one, plug-and-play unit. Fit to perform under any weather condition and customizable to any customer requirements, its design makes it easy to bring reliable, clean energy to even the most remote setting. With minimal parts and low-maintenance assembly, it can provide rescue power in any circumstance.



Affordable

Designed to provide an affordable solution combined with a rapid return on investment. Generate peak power when sun goes down, at the highest demand tier. Generating energy at a price as low as **\$0.01/kWh** to the end user.



Minimum Maintenance

Only two moving parts.



Reliable

Heavy duty construction, 40+ years of reliability.



Noiseless

At any wind condition.



Innovative Design

Solving problems with previous vertical wind turbines.



Wide Operating Window

From a light breeze to very strong gusts, our technology is optimized to work at any wind speed. Our turbines are not dependent on any specific orientation or external condition, making them a uniquely versatile energy solution.



Use Cases



- Rural electrification
- Water pumps
- Quick deployments micro-grids
- Remote hospitals & schools
- Back up power supply
- Grid stabilization
- Gas generators replacement
- Solar arrays complement
- and more

Advantages

- Logistics costs significantly reduced
- 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





Nemoi S

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

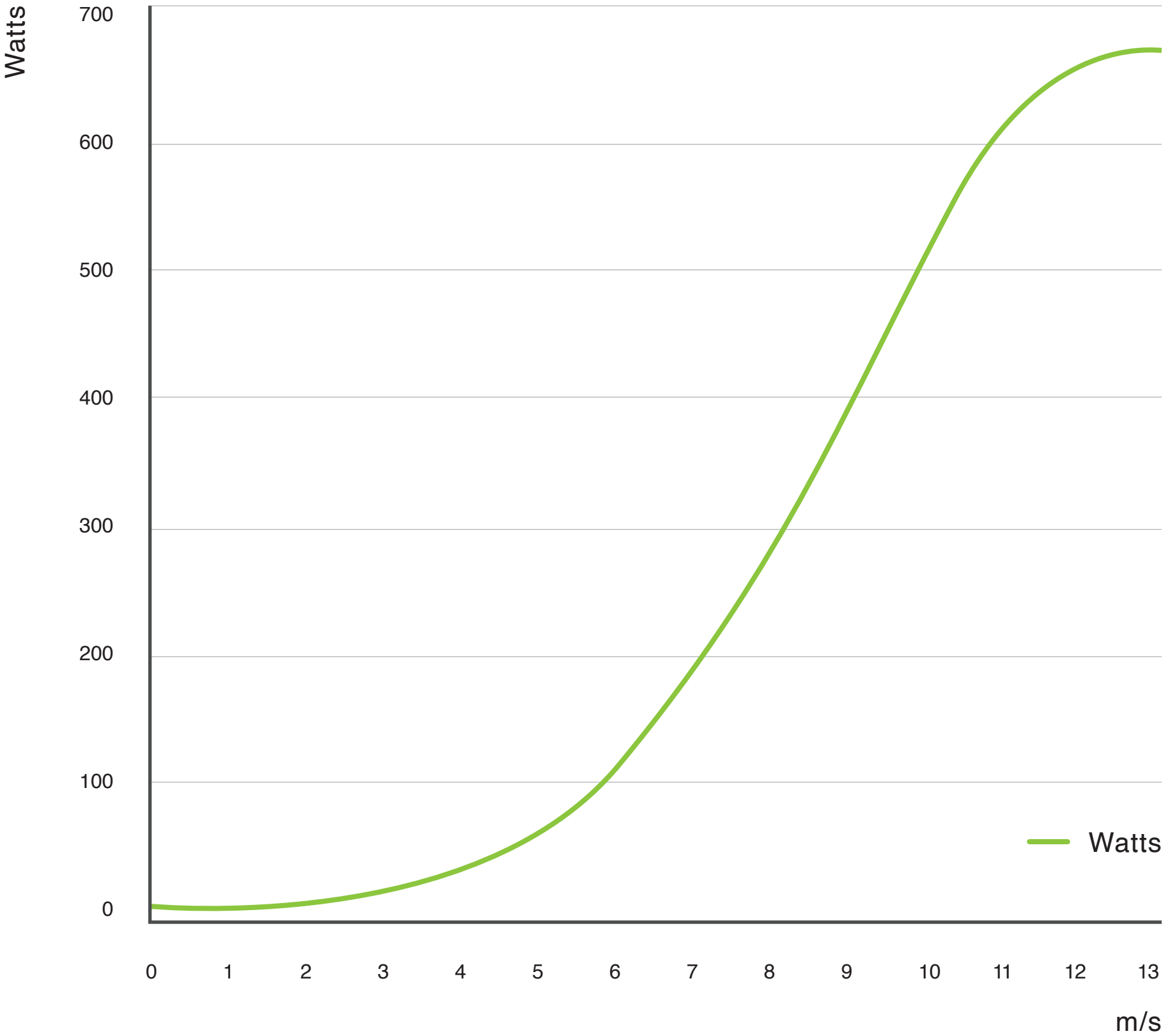
Generator

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
www.semtive.com

