



The demand for reliable power generation is not just a necessity, it's a global crisis.

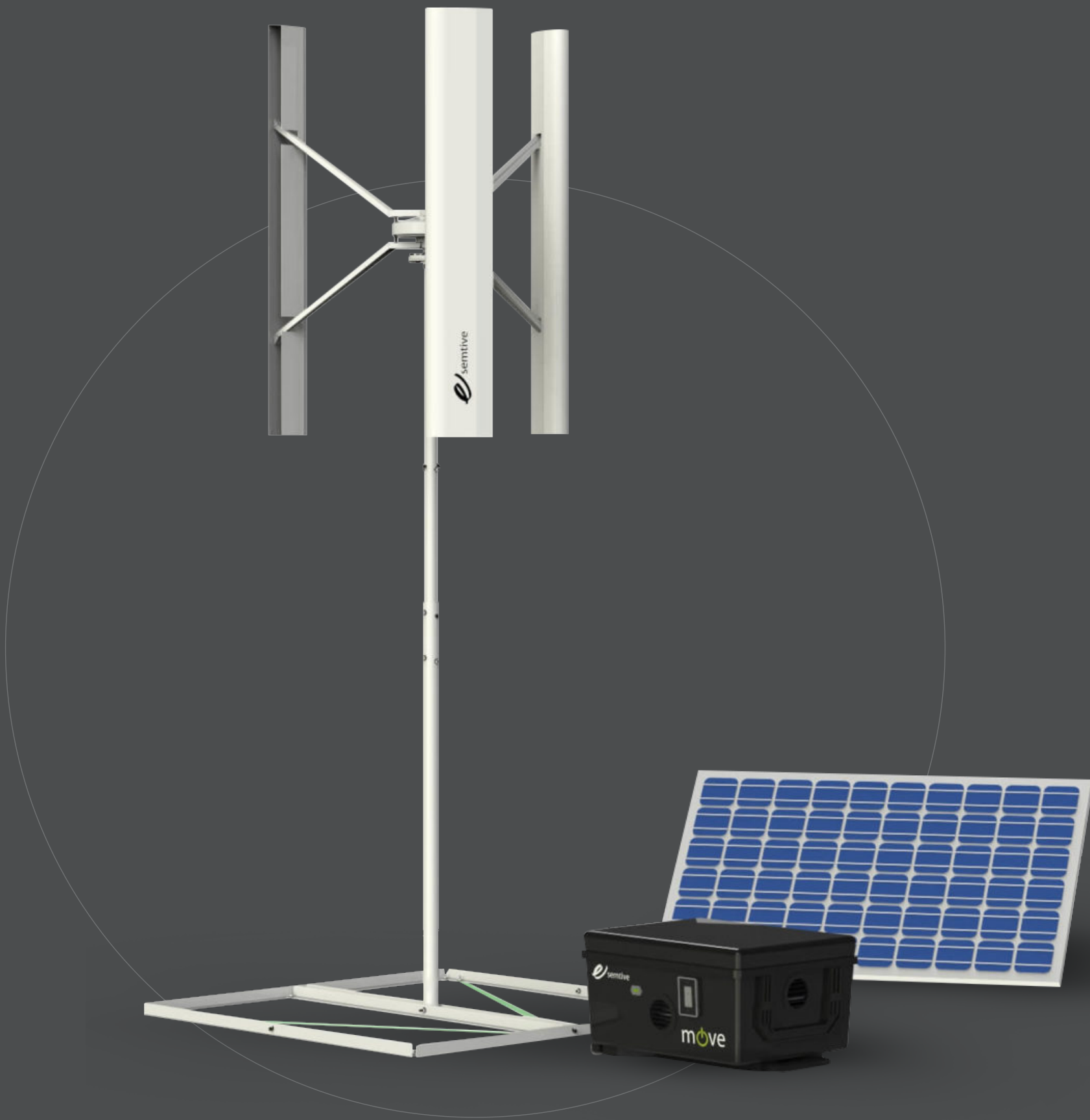


From combating existential threats of terrorism to navigating climate change, it is mission-critical for defense and disaster relief organizations to have adequate, uninterrupted power solutions during critical times.

Semtive's remote portable power generation technology provides a solution for situations where the conventional grid power is unavailable due to natural disasters or catastrophic events. With our resilient, simple-to-use, and adaptable Nemoi and MOVE products, defense and disaster relief personnel are guaranteed clean, reliable energy in even the most rugged and remote scenarios. Our product solves the logistical challenges related to the lack of adequate and reliable power supply in these areas.

Semtive is ready for any mission.

- Surveillance systems
- Forward operating bases
- Disaster and emergency response
- Security checkpoints
- Mobile hospitals
- Emergency and temporary shelters
- Drive through testing stations
- Command and control centers



About the MOVE

Our MOVE unit is the ideal plug & play portable remote power solution that can provide personnel with reliable and uninterrupted energy in a sustainable manner in the most rugged and remote location around the globe.



Affordable

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



Simple Installation

Less than one hour and just one tool needed. Plug & play connection, in a flat pack. Minimum maintenance with 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 a hurricane.



Advantages



- Increased safety (by eliminating fuel resupply missions)
- 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 portable
- 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

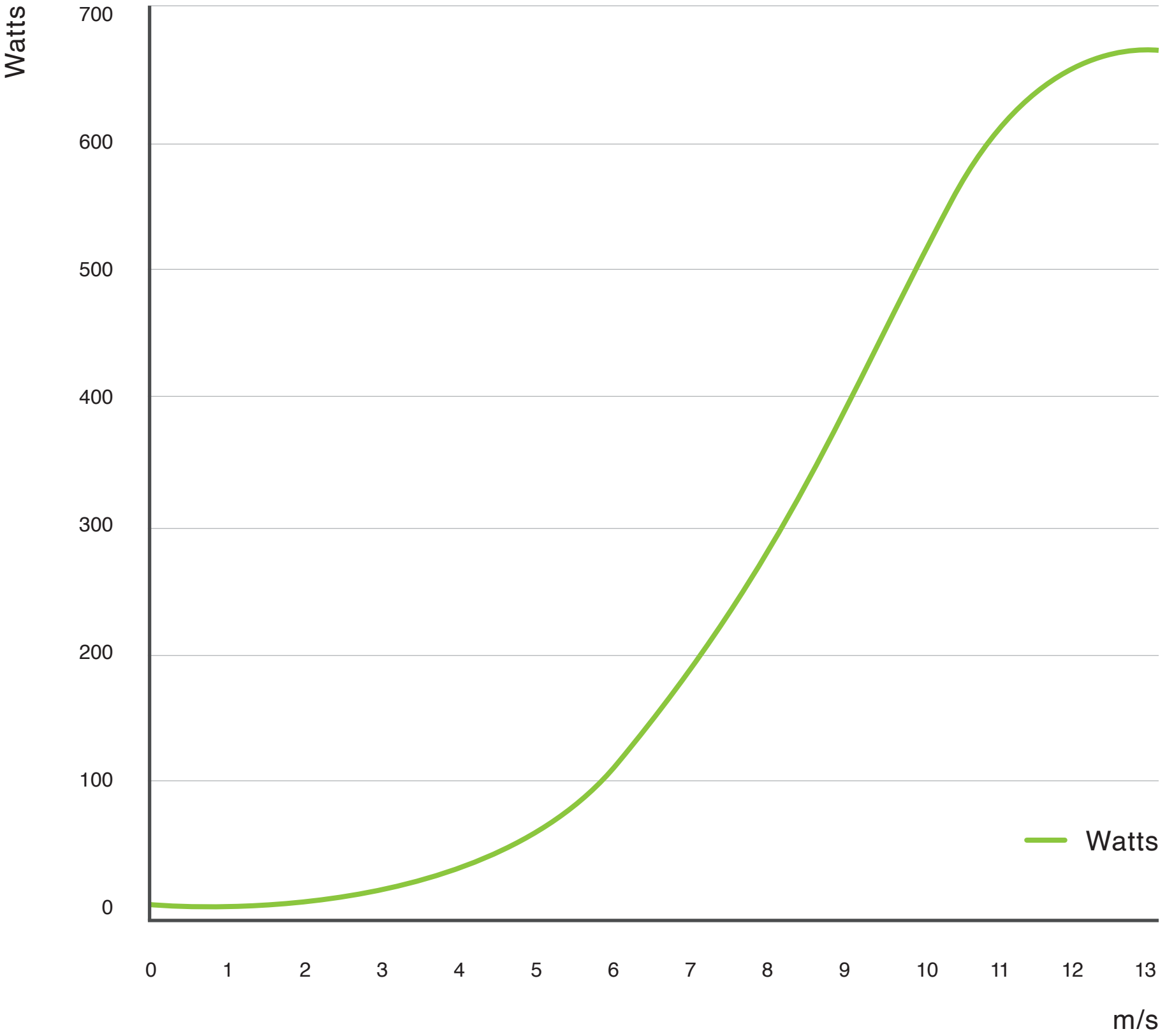
Generator

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
sales@semtive.com

Visit us online at
www.semtive.com

