



When disaster strikes, reliable power generation is crucial to mission success.





When disaster strikes, from hurricanes and severe floods to providing humanitarian aid around the world, having available and reliable remote power generation is crucial to mission success.

Semtive solutions provide an available power supply in even the most dire situations. With our remote portable power generation technology, emergency relief crews will be prepared for any mission. Our all-in-one MOVE unit is portable, easy-to-install, and easily transportable, allowing for guaranteed power in critical times.



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 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.



Use Cases



- Refugee camps
- Disaster and emergency response teams
- Mobile hospitals
- Quick deployment microgrids
- Emergency and temporary shelters
- Drive through testing stations
- Command and control centers
- Gas generators replacement
- 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 portable
- 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

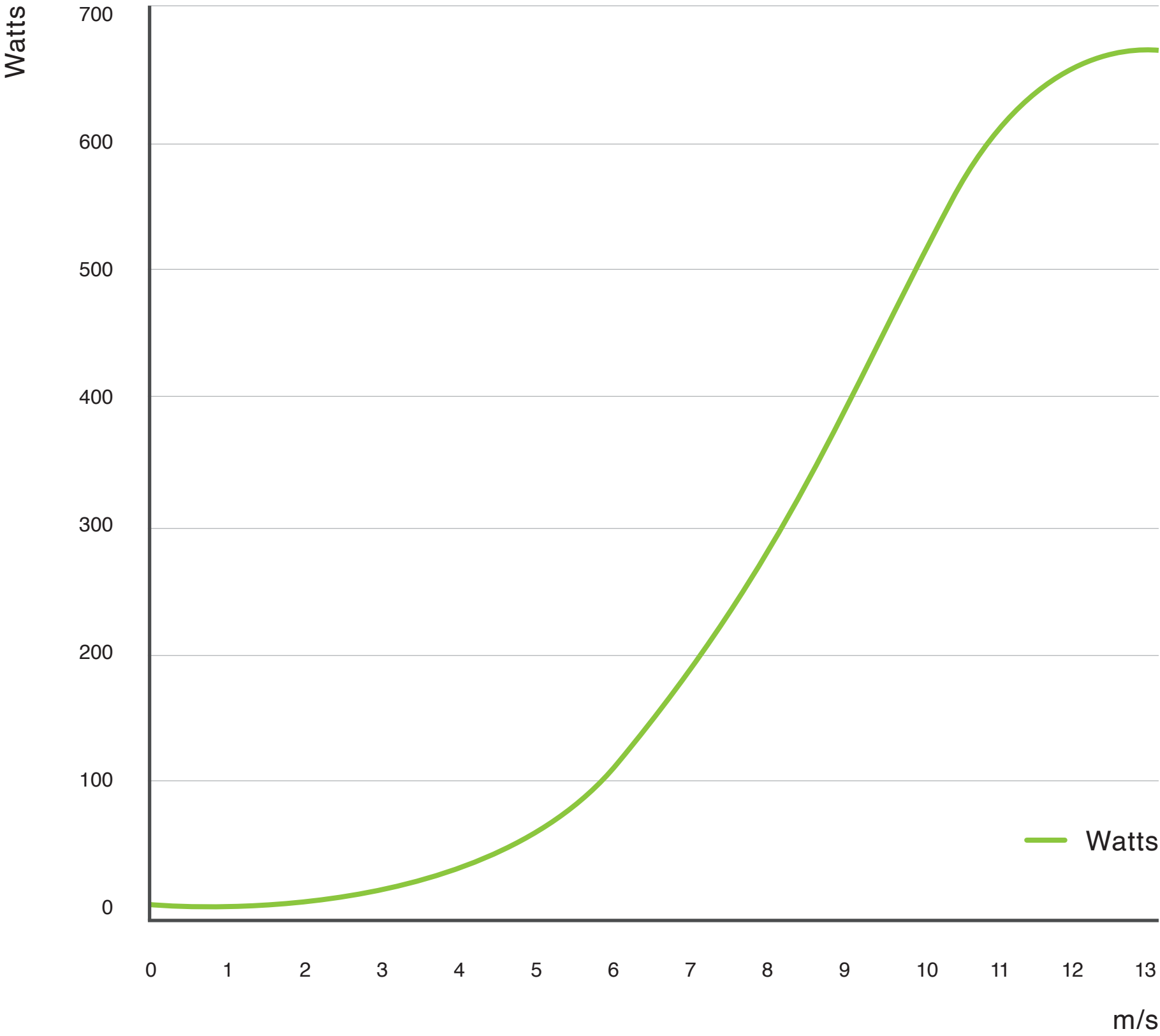
Generator

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
sales@semtive.com

Visit us online at
www.semtive.com

