



A simple and affordable
way to generate clean,
renewable energy.



nem^oi™ & m^ove™

Semtive's vertical axis turbine design effectively captures the wind from all directions. A unique center-of-gravity generator paired with innovative energy harvesting features ensures that the turbine maximizes production at any wind speed.

Our Nemoi and MOVE systems are environmentally friendly and virtually noiseless, allowing for sustainable, low-maintenance energy production in any environment.



Our Vision

Democratize, decentralize and digitalize the access to energy through simple, affordable and reliable clean sources.



Cost-efficiency

Our turbines produce affordable energy systems, democratizing access with the same quality products around the world.



Environmentally friendly

We generate clean energy, through renewable sources, and we also reduce the carbon footprint of the turbine. Turbines designed to be reused, retrofitted or recycled.



Social impact

Our manufacturing process allows us to manufacture our wind turbine systems locally, reducing the carbon footprint and the shipment cost of traditional wind.

About the Nemoi



Affordable

Starting at a very low price, the Nemoi turbine typically pays itself off within 3 years. Its cost-efficient design generates energy at a price as low as **\$0.01/kWh** to the end-user.



Simple Installation

The Nemoi can be assembled in under an hour. Its low-maintenance design requires one tool for assembly and can be installed in any home.



Low Maintenance

With only two moving parts, the Nemoi requires minimal to no cleaning or service maintenance.



Reliable

The Nemoi's strong yet lightweight construction is built to last. Its heavy-duty materials were engineered for 40 or more years of reliable, optimal performance.



Noiseless

Regardless of the wind speed, the Nemoi turbine remains perfectly quiet. It will operate seamlessly in any environment, rural or urban, without creating noise contamination.



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.



Who We Serve

Our commitment is to deliver cost-efficient, reliable, and safe clean energy solutions that can be used by anyone, anywhere in the world.

Residential

Nemoid is a clean, affordable, and quiet solution to clean energy distribution for homes. It's sleek, minimal visual impact and durable design will provide efficient, reliable clean energy in any residential environment.

Oil & Gas Industries

As more oil and gas companies look for ways to meet sustainability goals and reduce carbon emissions, our products offer a unique solution. With our turbines, oil and gas customers can transition into a cost-effective, reliable clean energy option — and reduce scope 1 and 2 emissions. Through innovative design, our products provide off-grid solutions for collecting data, remote monitoring, and sensing.

Commercial

With our clean energy solutions, commercial organizations can reinforce their commitment to the environment and meet any energy demand. The Nemoid can be used at any facility to reduce electricity rates or provide emergency backup power.

Disaster Relief

In emergency situations, our solutions provide adequate, reliable power to help mission success. Our remote portable generation technology is simple to operate and easy to use, making it the ideal transportable, adaptable solution for any situation.

Defense

Lack of infrastructure is one of the biggest challenges in the energy industry. Our technology is simple to operate and resilient, making it the perfect clean energy solution for providing reliable power to rural or remote areas.

Rural & Remote

Reliable energy sources for power generation are a critical asset in rural villages, remote locations, or areas with no reliable power supply. Our MOVE unit is the ideal plug & play portable remote power solution that can provide reliable and uninterrupted energy in a sustainable manner, as a stand-alone unit in isolated areas, or creating micro-grids in villages or urban areas.



Our Products



Nemoui M

Nemoui is a wind turbine designed to bring affordable, reliable energy to any residential or commercial facility. Its materials are durable yet easy to assemble, allowing for efficient installation and optimal performance in any environment. With an elegant, simple design and virtually noiseless energy production, it can be seamlessly incorporated into any setting.

Nemoui S

The Nemoui S turbine can be installed in any place, in any weather conditions. Its wide operating window allows it to perform optimally at any wind speed, from a light breeze to a hurricane. With simple, easy-to-assemble, and easily transportable parts, it can be assembled in less than one hour with only one tool.



Move

The MOVE is the ideal all-in-one, plug-and-play renewable battery system 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.



Nemoi M

Power

Nominal power¹:..... 2400 W

Dimensions

Height:..... 3m / 9.8 ft

Width:..... 3m / 9.8 ft

Weight:..... 140 kg / 308.6 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

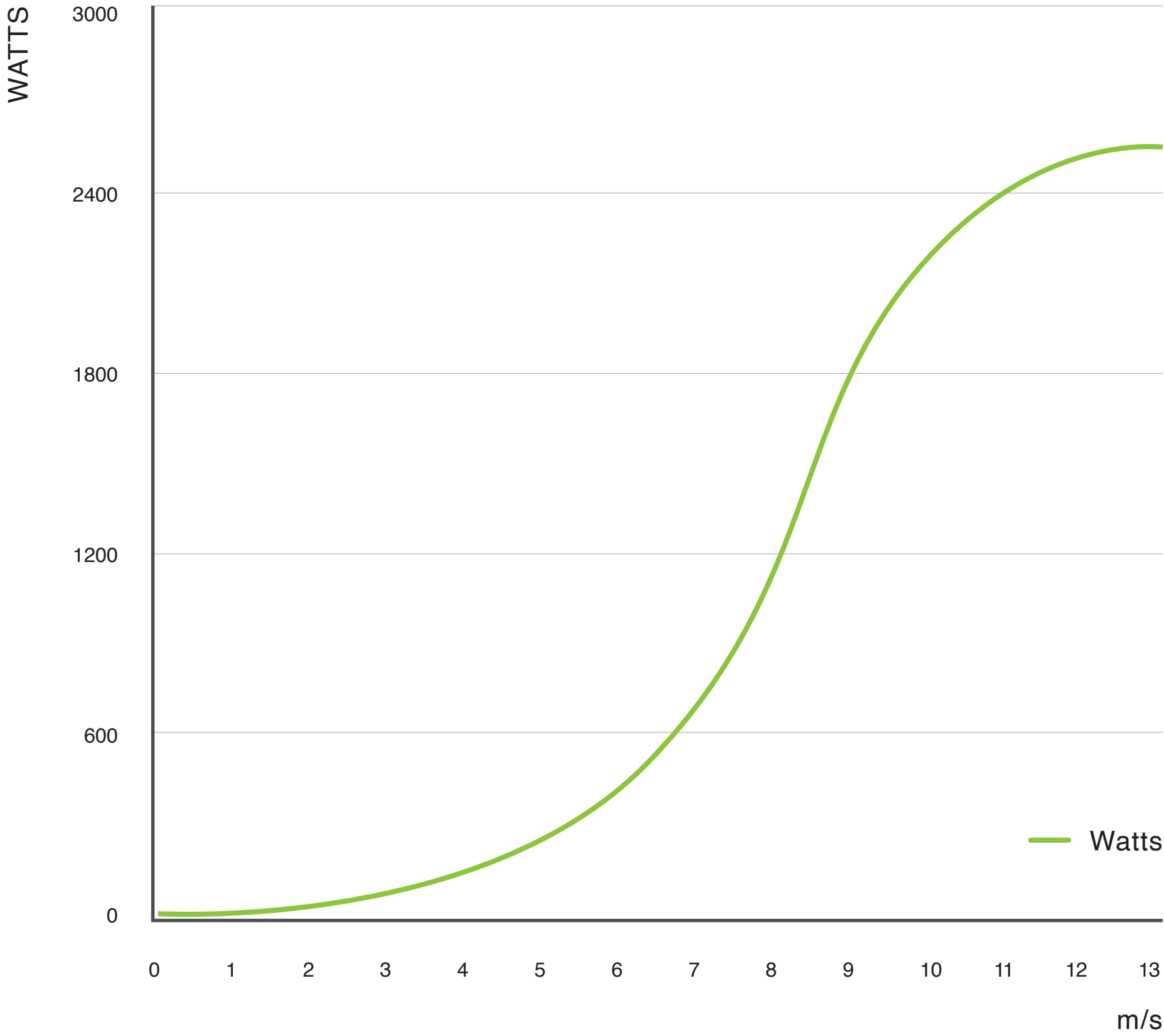
Generator

Type:..... permanent magnet

Voltage³:..... 110/220

Warranty:..... 20 years

¹ Rated at 11 m/s [24.6 mph], ² speed set to generate electricity.





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

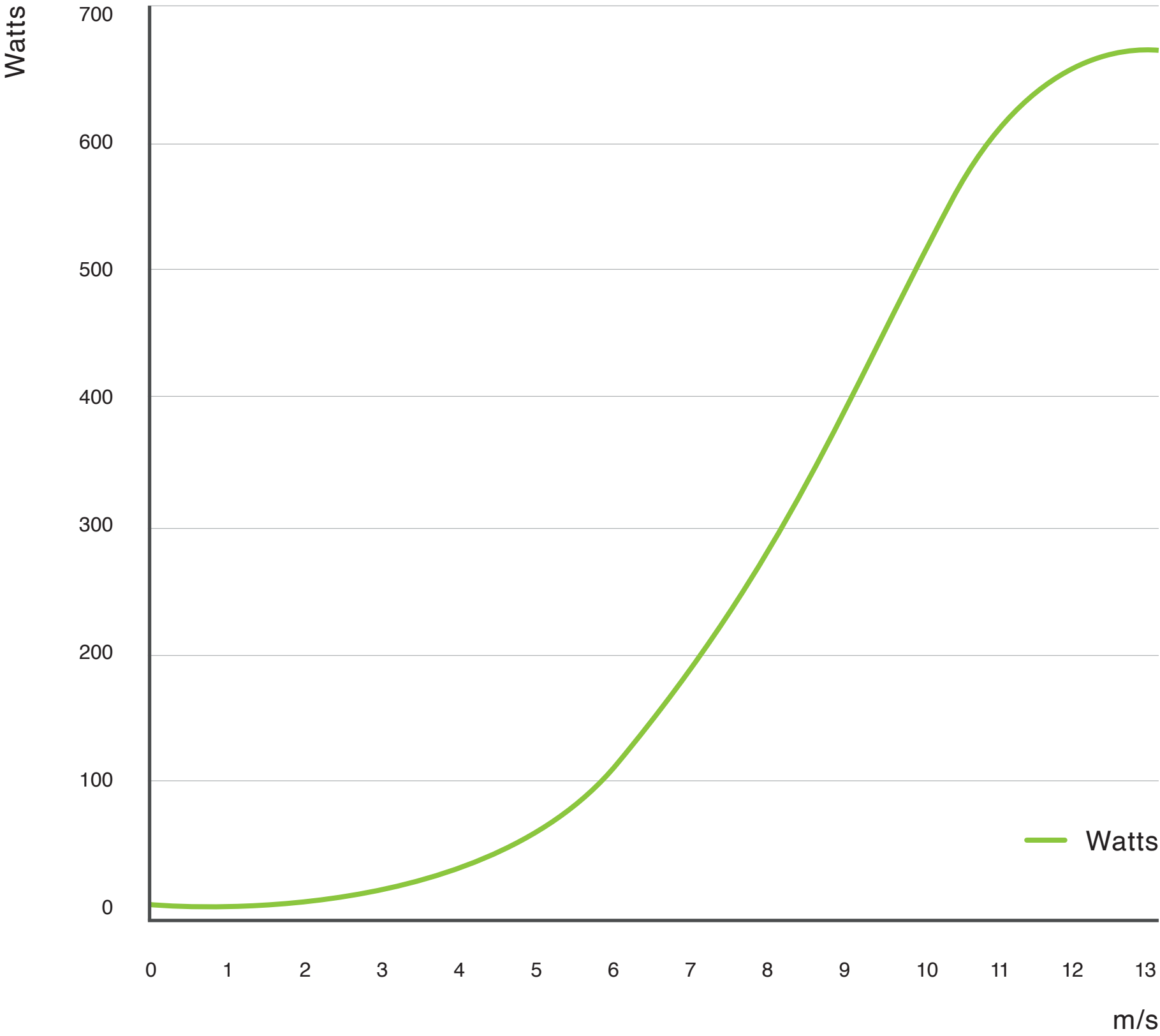
Generator

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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