

PRODUCT DESCRIPTION

Innovative Design and Powerful Performance

maverick™

We offer generators that operate on energy efficiency principles, using gravity, mass and rotational kinetic forces to produce continuous on-demand power and torque. These forces rotate a mechanical, electrical generator that produces electricity for commercial and industrial operations with heavy surge demands.

The breakthrough in technology allows the uninterrupted whisper-quiet generation of energy without emission, production of waste, fossil fuel input, or the need for large centralized structures, or traditional propulsion forces.

These power systems come in different sizes and models, the portable (containerized solutions) and stationary (no container, and nothing fancy, just the essential). We design both models with the same reliable components and parts, and the capacity of producing power as autonomous units or connected in parallel operation.

The dynamic design of the portable models supports easy transportation, rapid permitting, and quick interconnection. No other building structure required, minimizing setup time from months or years to weeks. It allows for the closest thing to plug and play system for immediate operation.

The stationary models are the same reliable power system at a reduced cost, saving the end-user money because only include what is necessary and leave the optional or add-ons for the end-user to do on their own. These models shall be under a protected structure to protect the units from foreign environments.

These are distinct advantages over other power generating technologies, enabling our power system to operate at a low operating cost structure and compete against all other available power generation sources. It positions our power system to lead in clean/green energy production.

Not your traditional generator, but tomorrow's power system –Today

250KWh (Rated) Prime Power Stationary Model Only



Custom Built Power Plant Stationary Models Only

Model:	0-250
Generator Specifications	
Rated Power: (kilowatts per Hours)	250
Continual Prime Output: (KWh)	175
Maximum Surge Output for 5 Seconds	375
Frequency:	50/60Hz
Phase:	3 Phase
Standard Color	Black
Optional Color	Green
Reserve for Equipment Operation (KWh)	25
Rated Load For Prime Power	150
Frequency Accuracy	0.5%
Volt Accuracy	+/- 1.5%
Voltage Regulator	Electronic
RPM	1800
Synchronous Drip proof Self Excitation	4 - Pole
Efficiency (Continual Operation)	98%
Model 2 Bearing	Yes
Insulation of Class H	Yes
HP Required for Full Output	500

Dimensions "Enclosed" Model

Length (FT)	40
Width (FT)	9
Height (FT)	10
Gross Weight (Lbs.)	30,000
Unit type	Industrial

PRODUCT SPECIFICATION

Electric Motor Brand

Motor Model	Standard
Motor Type	3 Phase
HP- Displacement	24
Fly Wheel Weight	250
Auto Lube Cooling	Air / Liquid
RPM	1800/3500
Variable Speed Controller	Yes
Starting System (from DC batteries)	Yes
Energy Consumption	25
Remote Control & Auto	Yes
Governor	Electronic
Control Panel	Yes

Main drive Fly Wheel Kinetic Energy

Quantity Drive	8
Total Weight	16000
RPM	30/55
Diameter of Each (In feet)	9
Horse Power Output	500

NOISE LEVELS

Open dB @ 3 meters	10
Closed dB @ 3 meters	3

QUALITY ASSURANCE

Quality Assured Product:

Quality Control:

To ensure that we deliver quality products, you have our assurance that we thoroughly inspect and test all of our final products before leaving the facility.

Quality Assurance:

To improve our internal processes on quality, we have thoroughly reviewed all of our inspection methods and have put new Control Plans into operation on every workstation. The result is that we are confident that we will capture any issues on our facility, preventing non-conforming parts from getting to our customers.

Buyers can rest assured that our manufacture processes are to provide Quality Assured Products, which conform to the Buyer requirements. We have a dedicated Quality Control team that have an RWC certification (Responsible Welding Coordinator) and is responsible for managing our ISO 9001 Quality Comparability System and our structural steel production to Execution Class 2.

The strict process in place is the base learning process for our operators, it adds additional responsibility and accountability, and the improvement within will strive to ensure that we are making the product right the first time.

If you have any questions please get in contact with us.

FACTORY WARRANTY

Maverick NRG (MavNRG)

PRODUCT WARRANTY FOR POWER GENERATING UNITS (2020)

Product Warranty:

MavNRG's Power products are designed and built with quality performance and durability as the goal. Consequently, MavNRG warrants to the original end-user that, if properly installed, maintained, and operated in accordance with the product manual, its Power Generating Systems configured by MavNRG with its power units ("Power Systems") are free from defects in material and workmanship. Should a defect in materials or workmanship manifest during the period of this warranty, MavNRG will, at its sole discretion, repair, replace, or otherwise resolve the issue to the satisfaction of the end-user.

USA WARRANTY COVERAGE & DURATION

COVERAGE FOR PRIME POWER AND OR STANDBY POWER

Coverage:

"Year One" Limited comprehensive coverage on mileage, labor, and parts listed "All Components"

Coverage:

"Year Two and Year Three" Limited comprehensive coverage on parts listed "All Components"

Coverage Start Date:

The actual shipping date of the unit from our facility

Duration:

Three (3) years from "Coverage Start Date," or 8,760 hours (whichever comes first)

INTERNATIONAL WARRANTY COVERAGE & DURATION

COVERAGE FOR PRIME POWER AND OR STANDBY POWER

Coverage:

"Year One" Limited comprehensive coverage on mileage, labor, and parts listed "All Components"

Coverage:

"Year Two and Year Three" Limited comprehensive coverage on parts listed "All Components"

Coverage Start Date:

The actual shipping date of the unit from our facility

Duration:

Three (3) years from "Coverage Start Date," or 8,760 hours (whichever comes first)

** Unit Registration with Proof of Purchase, and Maintenance record completed, needs to be log in the online registry, and must be available on site.*

** Warranty is transferable between ownership of original installation site.*