

HEAVY DUTY INDUSTRIAL
SPARK-IGNITED MOBILE SERIES

POWER NODES AVAILABLE:

HRNG-700 | HRNG-900 | HRNG-1250

HIPOWER®
A YANMAR COMPANY



HIPOWER SYSTEMS SPARK-IGNITED PRIME RATED GENERATORS are an efficient, reliable and versatile source of electrical power that have been designed to operate in the most extreme working conditions around the clock. They are built combining an innovative design and the use of high quality materials that provide the user with the most dependable power that can be relied on for non-stop power with easy to operate controls. The HRNG-700, HRNG-900, and HRNG-1250 are powered by a radiator-cooled, industrial PSI Spark-Ignited engine that meets current Environmental Protection Agency (EPA) exhaust emission regulations, and drive a single bearing, four-pole, three-phase alternator, with IP23 protection. The Prime Power kVA rating is given with a 120 degree°C alternator winding temperature rise.

STANDARD FEATURES

ENCLOSURE
- Rust-Proof Fastener with Nylon Washers to protect finish
- High Performance Sound-Absorbing Material (L1)
- Gasketed Doors
- Air Discharge Hoods for Radiators (Upward/ Pointing)
- Lift Off Door Hinges
- Stainless Steel Lockable Handles
- Textured Polyester Powder Coat

ENGINE SYSTEM
- Oil Drain Extension
- Air Cleaner
- Fan Guard
- Factory Filled Oil
- Battery Charging Alternator

ELECTRICAL SYSTEMS
- Battery
- Battery Cables
- Battery Tray
- Parallel Controller w/Motorized CB

ALTERNATOR SYSTEM
- 12 leads (3-Phase, Non 600V)
- Class H Insulation Material
- Vented Rotor 2/3 Pitch
- Full Load Capacity Alternator
- Protective Thermal Switch
- Permanent Magnet Excitation
- Skewed Stator
- PMG with MX341

COOLING SYSTEM
- Factory-Installed Radiator
- Radiator Drain Extension
- 50/50 Ethylene Glycol Antifreeze

GENERATOR SET
- 10 PSI Pressure Regulator (HRNG-700)
- 30 PSI Pressure Regulator (HRNG-900 & HRNG-1250)
- 80% Rated Main Line Circuit Breaker
- Separation of Circuits – Multiple Breakers (Load Center)
- Separation of Circuits – High/Low Voltage
- Internal Genset Vibration Isolation
- Wrapped Exhaust Piping
- Standard Factory Testing
- 2 Yrs./3,000 Hrs. Limited Warranty
- Emergency Stop

CONFIGURABLE OPTIONS

ENGINE SYSTEM
- 120V-1ph Water Jacket Heater (with Isolation Valves)
- 208V-3ph Water Jacket Heater (with Isolation Valves)
- Oil Level Makeup
- Auto Lp Liquid Withdrawal Fuel System with Vaporizer*

*Available only on HRNG700 and 900 at this time

- Anti-condensation Heater
- Alternator Upsizing

GENERATOR SET
- Extended Factory Load Testing

ELECTRICAL SYSTEM
- Battery Warmer
- 10A Battery Charger
- 5A Battery Charger
- Control Panel Heater

ENGINEERED OPTIONS

ALTERNATOR SYSTEM
- Tropical Coating

GENERATOR SET
- Special Testing

ELECTRICAL SYSTEMS
- AC/DC Enclusure Lightting Kit w/Timer

CONTROL SYSTEMS
- DSE2130 - DSENet Input Expansion Module
- DSE2157 - DSENet Output Expansion Module
- Remote Display Module

1 DISTRIBUTION PANEL

2 CONTROL & BREAKER PANEL WITH ACCESS TO MECHANICAL LUGS

3 10 PSI PRESSURE REGULATOR







PERFORMANCE	UNITS	HRNG 700	HRNG 900	HRNG 1250
Rated standby power 3ø	kW	560	720	940
Rated standby power 3ø	kVA	700	900	1175
Amp capacity @208V	A	1943	2498	N/A
Amp capacity @480V	A	842	1083	1414
Amp capacity @600V	A	673	866	1132
Max. Sound pressure level (LPA) @23' @100% load (L1)	dB(A)	83	83	79
Ambient temp capability	°F/ °C	122/50	122/50	122/50
FUEL CONSUMPTION				
Fuel consumption at full load (NG | Measured @ fuel inlet)	ft³/h	6,347	8,169	11,453
ENGINE				
Manufacturer		PSI	PSI	PSI
Model		32L	40L	53L
EPA certified		Yes	Yes	Yes
Nominal power	HP	821	1110	1431
STAMFORD ALTERNATOR				
Model (480V)		HCI534E	S6L1D-C	S6L1D-E
Automatic voltage regulator (+/- 1%)		MX341	MX341	MX341
Insulation		Class H	Class H	Class H
Temperature rise	°C	125/40	125/40	125/40
DIMENSIONS & WEIGHT				
Dimensions | L x W x H | Lvl. 1	Inches	240 x 102 x 112	240 x 102 x 112	295 x 93.4 x 114.3
Weight | Lvl. 1	Lbs.	18,500	22,500	30,200

Weights may vary depending on options selected. Specifications and designs are subject to change.

HIPOWER SYSTEMS is committed to delivering robust and reliable natural gas portable generators to the Power Generation Industry throughout North America. We stand behind every machine we make. That is why all our generators come with a standard 2 years or 3000 hours (whichever occurs first) parts and labor limited warranty.





MANUFACTURING EXCELLENCE

NEW FACILITY

We have invested millions in our new (2018) state of the art 515,000 sf. North American Manufacturing Facility, headquarted in Olathe, Kansas, to better serve our customers.

SHEET METAL

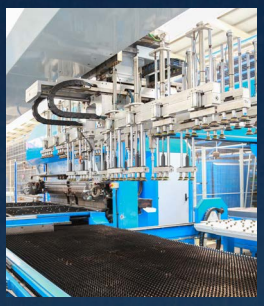
Our new fully integrated Industry 4.0 Prima Power Robot (night train, laser, punching, shearing, buffering & bending) provides us with the latest available technology to manufacture all our sheet metal components.

POWER PAINT SYSTEM

Incorporating the newest nanotechnology in metal pre-treatment washing, our new powder paint systems applies 2 coats of powder protection (primer & paint) to provide heavy-duty durability in the harshest conditions.

MANUFACTURING

Our entire manufacturing engineering processes and quality systems are based on Yanmar's Way of Kaizen Principles. This allows us to deliver an industry leading finished product.









BUILT TO LAST

HIMOINSA POWER SYSTEMS, INC.
16600 S Theden St., Olathe, Kansas 66062
Tel: 913.495.5557 | Fax: 913.495.5575
Email: sales@ hipowersystems.com

HIPOWERSYSTEMS.COM

HIPOWER®
A YANMAR COMPANY