



GA25HRNC2

Generator - Portable Pipe Frame

MAXIMUM OUTPUT

2.5 kW

CONTINUOUS OUTPUT

2.2 kW

ENGINE

Honda GX160



APPLICATIONS

Construction and Industrial Sites, Emergency Power Supply, Camping/Off-Grid Living, Outdoor Events, Mobile Businesses, Agriculture/Farming, Remote work.

STANDARD FEATURES

- **Reliable Honda GX160** gasoline engine with low oil shutdown sensor.
- **Automatic idle control** — Reduces engine speed during periods of no load and improves fuel economy.
- **Silent type muffler** with USFS-approved spark arrestor, dB 70 @ 23 ft.
- **Brushless alternator** design for low maintenance and dependable service.
- **Robust control panel** with clearly labeled switch and circuit protection.
- **Multiple outlet configurations** support a range of tools and jobsite requirements.
- **OSHA and NEC compliant** with full GFCI protection.
- **Complete generator instrumentation** includes single pole breaker (60Hz), AC voltmeter, and hour meter.
- **Carbon monoxide sensor** eliminates CO poisoning by automatically shutting down when harmful gases are detected.
- **Heavy duty 1-inch tubular steel pipe frame** provides rugged protection for engine and alternator in demanding jobsite conditions.
- **Large 3.2 gallon fuel tank** provides extended runtime for continuous, full day operation.

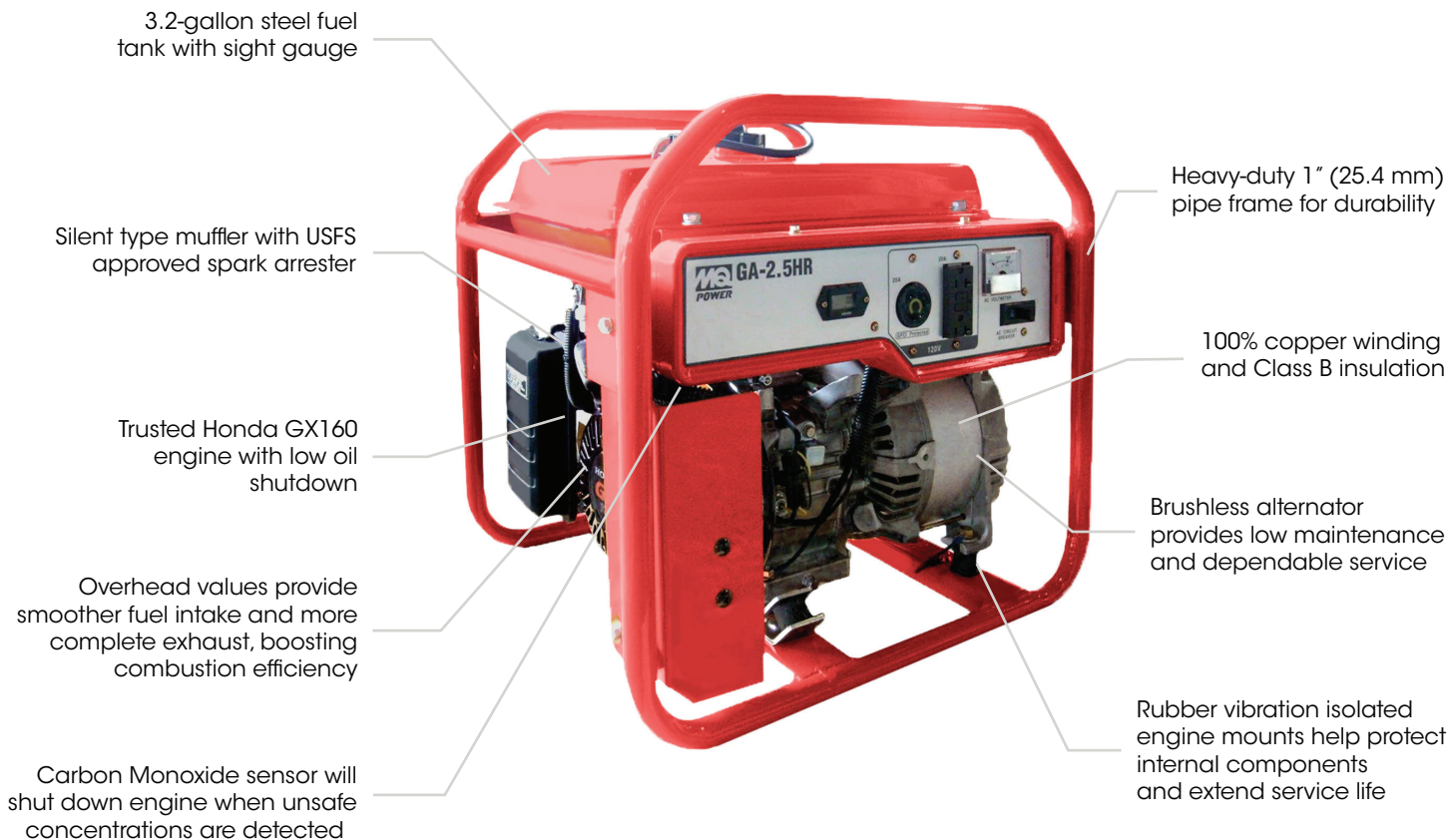
WARRANTY*

GA25HRNC2: 24 months from date of purchase, parts and labor.

Honda GX160 Engine: 36 months from date of purchase.

*Refer to the MULTIQUIP NEW PRODUCT LIMITED WARRANTY FOR FULL TERMS AND CONDITIONS.

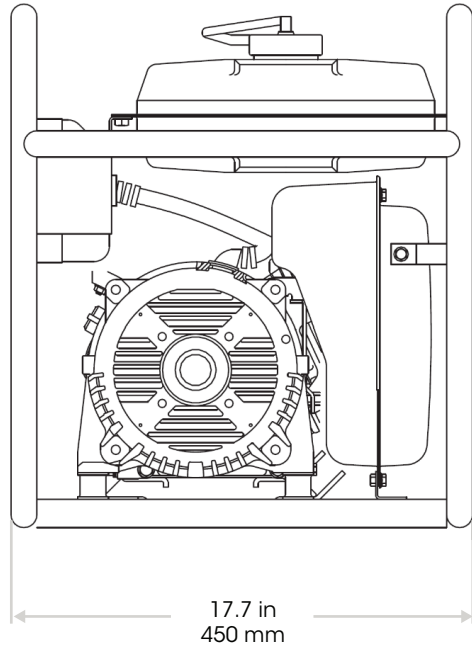
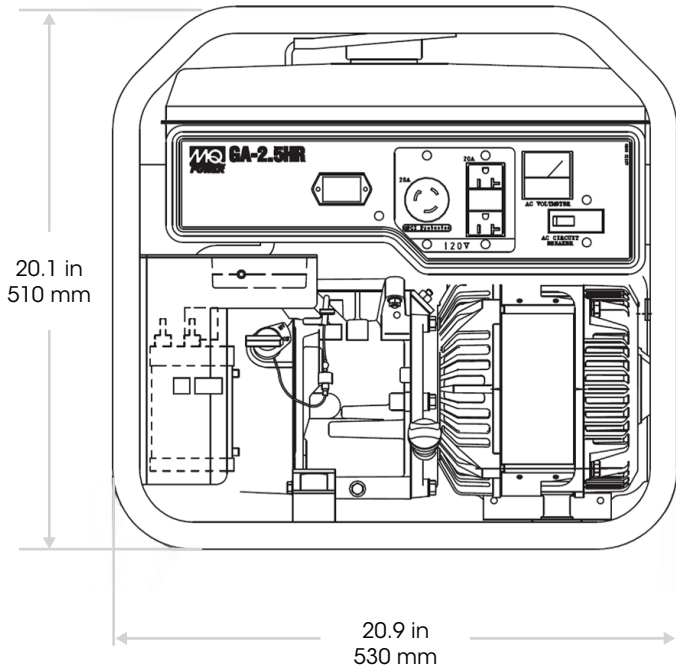
FEATURES





GA25HRNC2

GENERATOR DIMENSIONS



CABLE OPTIONS

CABLE SELECTION (60 HZ, SINGLE-PHASE OPERATION)

AMPS	LOAD IN WATTS	MAXIMUM ALLOWABLE CABLE LENGTH			
	120 VOLTS	25 FT	50 FT	100 FT	150 FT
2.5	300	16 AWG	16 AWG	14 AWG	12 AWG
5	600	16 AWG	14 AWG	12 AWG	10 AWG
7.5	900	14 AWG	14 AWG	12 AWG	10 AWG
10	1200	14 AWG	12 AWG	12 AWG	10 AWG
15	1800	14 AWG	12 AWG	12 AWG	10 AWG
20	2400	12 AWG	12 AWG	10 AWG	10 AWG
25	3000	10 AWG	10 AWG	10 AWG	8 AWG

CAUTION: Equipment damage can result from low voltage.

Long or undersized extension cords can reduce the voltage available to your equipment, causing power loss and inefficient operation.

When using such cords, select a cord rated for a slightly higher wattage than your device requires. Refer to the table above for recommended cord gauges and lengths based on the power demand of your electrical equipment.



GA25HRNC2

SPECIFICATIONS

GENERATOR SPECIFICATIONS

MODEL	GA6HRNC2
TYPE	BRUSHLESS REVOLVING FIELD
EXCITATION	SOLID STATE STATICALLY EXCITED
INSULATION	CLASS B
COOLING SYSTEM	SELF-VENTILATION
AMBIENT TEMPERATURE RATING	23° F – 104° F (-5° C – 40° C)
MAXIMUM OUTPUT	2.5 kW
CONTINUOUS DUTY RATING	2.2 kW
VOLTAGE	120
MAXIMUM CURRENT	20.8 A
CONTINUOUS CURRENT	18.3 A
FREQUENCY	60 Hz
PHASE	SINGLE PHASE (3-WIRES)
POWER FACTOR	1.0
VOLTAGE REGULATION	± 5%
MAIN LINE CIRCUIT BREAKER	20.0A (1-POLE)
RECEPTACLES	(1) 5-20R DUPLEX, (1) L5-20R
VOLTMETER	STANDARD
HOUR METER	STANDARD

ENGINE SPECIFICATIONS

MAKE/MODEL	HONDA / GX160
EMISSIONS	EPA CERTIFIED
STARTING SYSTEM	RECOIL
DESIGN	AIR COOLED, 4 STROKE, SINGLE CYLINDER OHV, HORIZONTAL SHAFT
HORSE POWER	4.8
ENGINE SPEED	3,600 RPM
SOUND LEVEL dB(A) @ 23 ft	70
GOVERNOR SYSTEM	CENTRIFUGAL MASS TYPE
OIL CAPACITY	0.63 QUARTS (0.6 LITER)
OIL TYPE	SAE 10W-30
LUBRICATION SYSTEM	SPLASH
LOW OIL SHUTDOWN	STANDARD
COOLING SYSTEM	AIR COOLING
BORE x STROKE	2.68 x 1.77 in (68 x 45 mm)
CARBON MONOXIDE SENSOR	STANDARD

FUEL SYSTEM

RECOMMENDED FUEL	UNLEADED GASOLINE
FUEL TANK CAPACITY	3.2 GALLONS (12 LITERS)
RUN TIME (FULL LOAD)	8.9 HOURS
FUEL CONSUMPTION AT FULL LOAD	0.36 GPH (1.4 LPH)

WEIGHT AND DIMENSIONS

DRY WEIGHT	110.2 lb (50.0 kg)
WET WEIGHT	132.3 lb (60.0 kg)
DIMENSIONS	20.9 x 17.7 x 20.1 in (530 x 450 x 510 mm)

OPTIONS

FILTER KIT

- **FKITGA25HR** – Filter kit includes (1) air cleaner element, (1) fuel strainer, and (1) spark plug

GENERATOR FORMULAS (1Ø)

AMPS, VOLTS, AND WATTS

- Amps x Volts = Watts
- Amps ÷ Watts = Volts
- Volts ÷ Watts = Amps

STARTING AMPS vs RUNNING AMPS

- **Starting amps** (or surge amps) are the high, temporary surge of electricity (3-10 times normal) required to start a motor, lasting a few seconds
- **Running amps** are the lower, steady amount of electricity required to keep equipment operating continuously

HORSE POWER vs WATTS

- 1 Horsepower = 746 Watts
- **EXAMPLE:** 3 Horsepower x 746 = 2,238 Watts

TOOL WATTAGE

TOOLS	RUNNING (RATED) WATTS	STARTING (SURGE) WATTS
BOX FAN	300	600
CIRCULAR SAW	1500	1500
COMPUTER	800	0
DEEP FREEZER	500	800
MITER SAW	1200	1800
MICROWAVE	1000	2000
REFRIGERATOR/FREEZER	800	1200
TELEVISION	500	0
RECIPROCATING SAW	950	1200
SUMP PUMP	800	1200
WELL WATER PUMP	1000	1500

CAUTION: The generator's surge wattage is intended for **momentary startup loads only**. Connect electrical devices whose **rated (running) wattage** is **at or below** the generator's rated output. **Do not** connect any device that requires wattage equal to the generator's surge capacity.

NOTICE

Features and Specifications are subject to change without notice.