



# GA6HRNC2

Generator - Portable Pipe Frame

## MAXIMUM OUTPUT

6.0 kW

## CONTINUOUS OUTPUT

5.0 kW

## ENGINE

Honda GX340



## APPLICATIONS

Construction and industrial sites, Emergency power supply, Camping/off-grid living, Outdoor events, Mobile businesses, Agriculture/Farming, Remote work.

## STANDARD FEATURES

- **Reliable Honda GX340** 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 75 @ 23 ft.
- **Brushless alternator** design for low maintenance and dependable service.
- **Heavy-duty 1-inch tubular steel pipe frame** provides rugged protection for engine and alternator in demanding jobsite conditions.
- **Robust control panel** with clearly labeled switches and circuit protection.
- **Large-capacity fuel tank** delivers extended runtime for full-day operation.
- **Multiple outlet configurations** support a range of tools and jobsite requirements.
- **OSHA and NEC compliant** with full GFCI protection.
- **Complete generator instrumentation** includes 2-pole breaker (60Hz), AC voltmeter, hour meter, idle control switch and full power switch.
- **Carbon monoxide sensor** eliminates CO poisoning by automatically shutting down when harmful gases are detected.
- **Folding lifting bail** enables safe overhead hoisting with cranes or forklifts.
- **Wheel kit with folding handles and flat free tires** for easy transport.

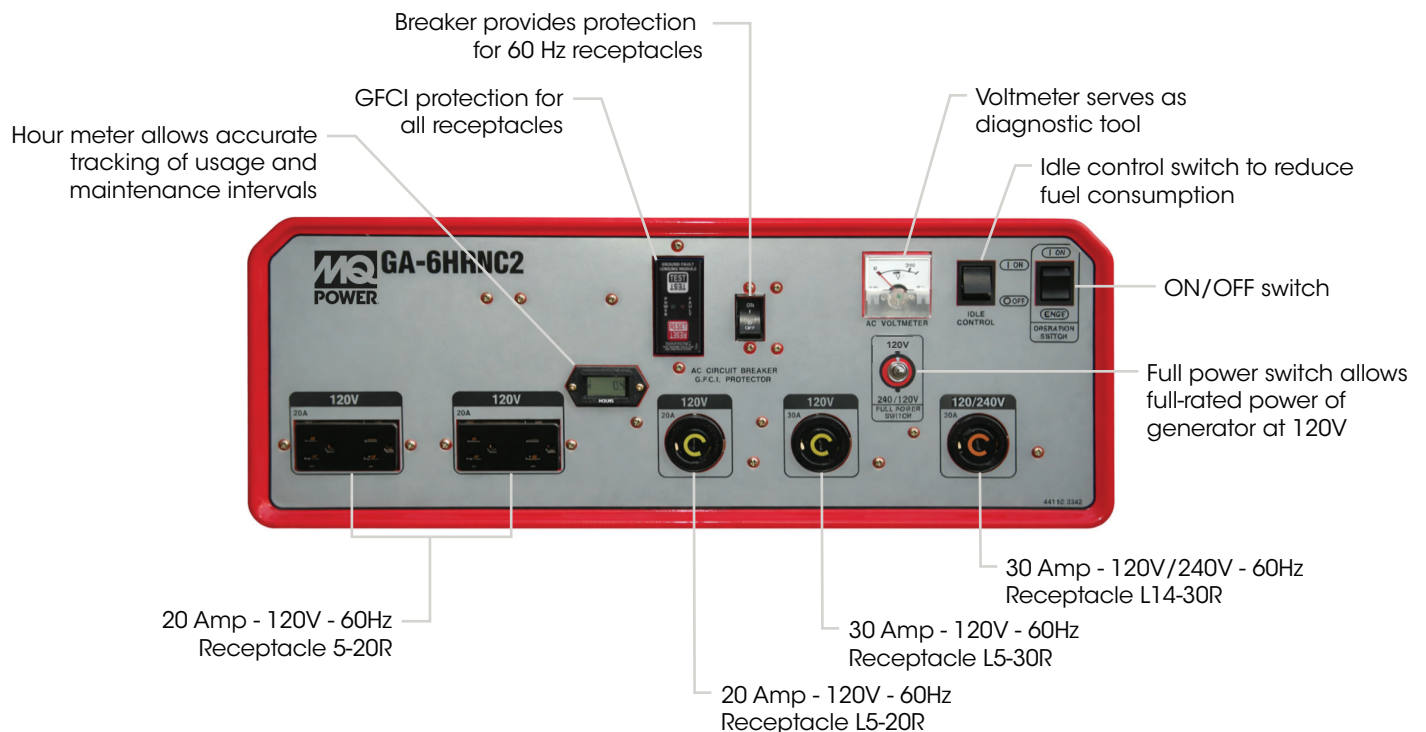
## WARRANTY\*

GA6HRNC2: 24 months from date of purchase.

Honda GX340 Engine: 36 months from date of purchase.

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

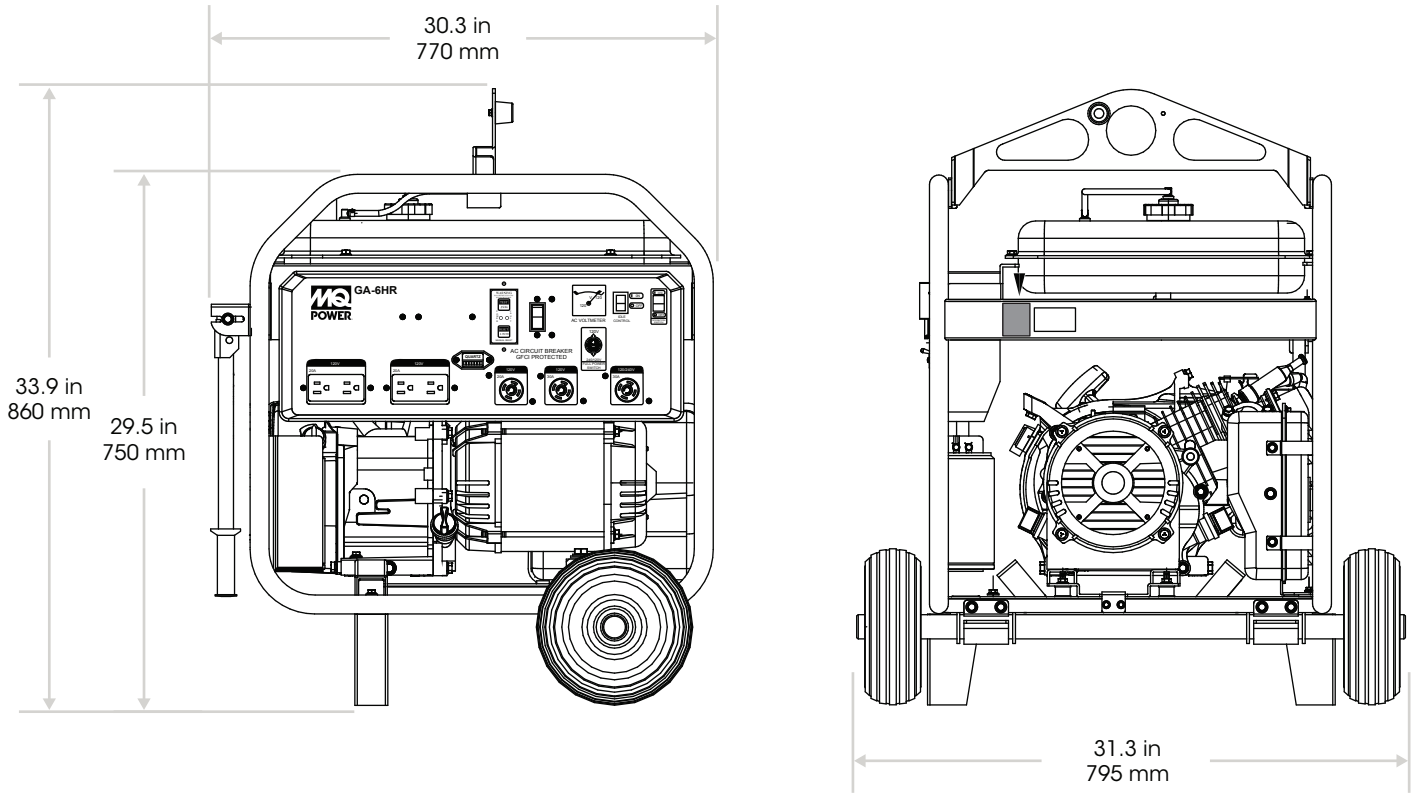
## FEATURES





# GA6HRNC2

## GENERATOR DIMENSIONS



## CABLE OPTIONS

### CABLE SELECTION (60 HZ, SINGLE-PHASE OPERATION)

| AMPS | LOAD IN WATTS |           | MAXIMUM ALLOWABLE CABLE LENGTH |        |        |        |
|------|---------------|-----------|--------------------------------|--------|--------|--------|
|      | 120 VOLTS     | 240 VOLTS | 25 FT                          | 50 FT  | 100 FT | 150 FT |
| 2.5  | 300           | 600       | 16 AWG                         | 16 AWG | 14 AWG | 12 AWG |
| 5    | 600           | 1200      | 16 AWG                         | 14 AWG | 12 AWG | 10 AWG |
| 7.5  | 900           | 1800      | 14 AWG                         | 14 AWG | 12 AWG | 10 AWG |
| 10   | 1200          | 2400      | 14 AWG                         | 12 AWG | 12 AWG | 10 AWG |
| 15   | 1800          | 3600      | 14 AWG                         | 12 AWG | 12 AWG | 10 AWG |
| 20   | 2400          | 4800      | 12 AWG                         | 12 AWG | 10 AWG | 10 AWG |
| 25   | 3000          | 6000      | 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.



# GA6HRNC2

## 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             | 6.0 kW                                                   |
| CONTINUOUS DUTY RATING     | 5.0 kW                                                   |
| VOLTAGE                    | 120 / 240V                                               |
| MAXIMUM CURRENT            | 50.0 / 25.0A                                             |
| CONTINUOUS CURRENT         | 41.7 / 20.8A                                             |
| FREQUENCY                  | 60 Hz                                                    |
| PHASE                      | SINGLE PHASE (4-WIRES)                                   |
| POWER FACTOR               | 1.0                                                      |
| VOLTAGE REGULATION         | ± 5%                                                     |
| MAIN LINE CIRCUIT BREAKER  | 23.0A (2-POLE)                                           |
| RECEPTACLES                | (2) 5-20R DUPLEX, (1) L5-20R,<br>(1) L5-30R, (1) L14-30R |
| VOLTMETER                  | STANDARD                                                 |
| HOUR METER                 | STANDARD                                                 |
| WHEEL TYPE                 | FLAT FREE                                                |
| LIFTING BAIL MAX CAPACITY  | 290 lb (132 kg)                                          |

### ENGINE SPECIFICATIONS

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| MAKE/MODEL                | HONDA GX340                                                 |
| EMISSIONS                 | EPA CERTIFIED                                               |
| STARTING SYSTEM           | RECOIL                                                      |
| DESIGN                    | AIR COOLED, 4 STROKE, SINGLE CYLINDER OHV, HORIZONTAL SHAFT |
| HORSE POWER               | 10.7                                                        |
| ENGINE SPEED              | 3,600 RPM                                                   |
| SOUND LEVEL dB(A) @ 23 ft | 75                                                          |
| GOVERNOR SYSTEM           | CENTRIFUGAL MASS TYPE                                       |
| OIL CAPACITY              | 1.16 QUARTS (1.1 LITER)                                     |
| OIL TYPE                  | SAE 10W-30                                                  |
| LUBRICATION SYSTEM        | SPLASH                                                      |
| LOW OIL SHUTDOWN          | STANDARD                                                    |
| COOLING SYSTEM            | AIR COOLING                                                 |
| BORE x STROKE             | 3.46 x 2.52 in (88 x 64 mm)                                 |
| CARBON MONOXIDE SENSOR    | STANDARD                                                    |

### FUEL SYSTEM

|                               |                         |
|-------------------------------|-------------------------|
| RECOMMENDED FUEL              | UNLEADED GASOLINE       |
| FUEL TANK CAPACITY            | 5.0 GALLONS (19 LITERS) |
| RUN TIME (FULL LOAD)          | 5.7 HOURS               |
| FUEL CONSUMPTION AT FULL LOAD | 0.88 GPH (3.3 LPH)      |

### WEIGHT AND DIMENSIONS

|            |                                               |
|------------|-----------------------------------------------|
| DRY WEIGHT | 220.5 lb (100.0 kg)                           |
| WET WEIGHT | 254.1 lb (115.3 kg)                           |
| DIMENSIONS | 30.3 x 31.1 x 29.5 in<br>(770 x 795 x 750 mm) |

## OPTIONS

### MAINTENANCE KIT

- **FKITGA6HR** – Maintenance 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.