



RELIABLE POWER SOLUTIONS FOR
EVERY NEED



**MADE IN CANADA WITH
DOMESTIC AND IMPORTED PARTS**



**YOUR TRUSTED
GENERATOR SOLUTIONS**

40KW GM NATURAL GAS

**POWERED DIRECT COUPLED TO 1800RPM
BRUSHLESS STAMFORD ALTERNATOR.**

Introducing the **RES COM POWER NATURAL GAS PRODUCT LINE**—built for superior reliability, fuel efficiency, and top-tier performance. Stay prepared and protect what matters most with a power solution you can trust. Uninterrupted Power, Unmatched Reliability



Kubota, General Motors, NG Engine, Weichai, Doosan.



Stationary Power for Commercial & Residential



CSA or Equivalent Approved



2 Years or 2,000 hours (whichever occurs first)



Premium value at a great price



Easy Installation

| Model | KW | KVA | Phase | Volts | RPM | Amps | Breaker Size |
|----------|----|-----|-------|---------|------|------|--------------|
| FP1G040G | 40 | 40 | 01 | 120/240 | 1800 | 166 | 175A |
| FP2G040G | 40 | 50 | 03 | 120/208 | 1800 | 138 | 150A |
| FP6G040G | 40 | 50 | 03 | 347/600 | 1800 | 48 | 50A |

GENERATOR SPECIFICATIONS

| Description | Units of Measurements | Data |
|---------------------------------------|-----------------------|-------------------------|
| Engine Model | - | Vortec 4.3L |
| Horse Power | - | 68 |
| Type | - | 6 cyl. Vee |
| Aspiration | - | Natural |
| Bore x Stroke | mm (inches) | 101.6 x 88.4 (4 x 3.48) |
| Displacement | litres (cubic inches) | 4.3 (262) |
| Compression Ratio | - | 9.05:1 |
| Fuel Consumption 100% Load | Litre/hr (US gal/hr) | 16.5 (584) |
| Fuel Consumption 75% Load | Litre/hr (US gal/hr) | 13.8 (486) |
| Fuel Consumption 50% Load | Litre/hr (US gal/hr) | 10.2 (360) |
| Battery Size | (Cranking Amps) | 31A (950) |
| Oil Capacity | Litres (US gal) | 5.7 (1.5) |
| Coolant Capacity | Litres (US gal) | 18.9 (5.0) |
| Thermostat Range | e °C (°F) | 82-95 (180-203) |
| Max Pressure Cap | kpa (psi) | 49 (7) |
| Intake Air Flow | m3/min (cfm) | 2.78 (98) |
| Exhaust Gas Temperature | °C (°F) | 649 (1200) |
| Exhaust Gas Flow | m3/min (cfm) | 9.3 (327) |
| Heat Rejection to Coolant | BTU/min | 2320 |
| Ambient Capacity of Radiator | °C (°F) | 50 (122) |
| Max Allowable Back Pressure on Exhaus | kpa (in Hg) | N/A |
| Air Flow Required Through Radiator | m3/min (cfm) | 181 (6400) |
| BTU Requirement | BTU/Hourn | 595,000 |
| Pressure Requirement | Water Column (Inches) | 7-11 " |



GENERATOR FEATURES

- Brushless Generators
 - Factory Tested
 - 1% voltage regulation
 - Unit mounted radiator with fan guard
 - Revolving fieldclass H, 125°C temperature rise generator
 - Rubber isolators between unit and base for vibration free operation
 - Lifting eyes for easy handling
 - Absence of brush gear and high quality AVR ensures low levels of radio interference
- Generators meet the requirements of BS5000 part 3, VDE0530, UTE5100, NEMA MG1-22, CEMA, IE34-1, CSA22.2, and AS1359

STANDARD INCLUDED EQUIPMENT

- Batteries and battery cables
- Battery charging alternator
- Engine jacket water heater
- Engine oil and anti-freeze
- Automatic trickle charger
- Exhaust system (includes muffler, stainless steel bellows connector, rain cap, clamps and 5 feet of exhaust pipe)

OPTIONAL EQUIPMENT

- Automatic transfer switches
- Enclosures (weather and sound)
- Trailers
- Main breaker
- Automatic idle for warmup and cooldown (only available on certain models)
- Permanent magnet generator (PMG) system (provides 300% short circuit withstanding capability)
- Wall thimbles
- Manual and motorized venting louvers
- Standalone fuel tanks
- Over current sensing, shutdown and display
- Low fuel pre-alarm, shutdown and display
- 29 light remote annunciators with dry relay contacts for all pre-alarms and faults
- Low oil level pre-alarm or shutdown with display
- Pre-alarm and fault relay contacts 10 amp
- CSA282 enclosure package (enclosure heater, 60Amps circuit panel)
- Additional breaker with camlocks for load bank testing
- Hospital grade mufflers
- Spring Mounts



DISPLAY MASTER 4 CONTROLLER STANDARD FEATURES

- Rugged solid state microprocessor design
- 16 character, 2 line backlit LCD display
- Easy keypad programming of all set points, password protected for security
- Remote start/stop capability
- Accurate digital readout of AC volts, amps, phase, frequency, kW, kVA, power factor, battery volts, runtime hours, oil pressure and water temperature
- Indicator lights for normal operation, pre-alarm and fault conditions
- Indicator light for remote start signal
- All shutdowns display on screen until system is reset
- Audible alarm for shutdowns and/or pre-alarms
- 6 user configurable dry contact relay outputs (readily available plug-in relays optional)
- 8 user configurable digital inputs
- Plug-in connectors for easy circuit board replacement
- System Lock feature disables starting of generator for maintenance purposes (requires password to unlock)

PRE-ALARMS

Low engine temperature, high engine temperature, low oil pressure, over speed, high battery volts, low battery volts, unit not in auto Shutdowns

SHUTDOWNS

High engine temperature, low oil pressure, low coolant level, over speed, over crank, no speed signal, emergency stop, weak battery



ADDITIONAL DM4 ADD-ON CONTROLLERS



Display Master 5
29 Light Remote Addon Panel



Display Master 4 - Remote
Addon Panel with Remote
Master Built in



Remote Master
Communications Addon Module

ONTARIO

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TRUE NORTH TOUGHNESS. SEAMLESS OPERATION.