

**RESOLUTION NO. 2022 – 3969**

**A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF MIAMI SPRINGS, FLORIDA, APPROVING THE PURCHASE AND INSTALLATION OF A REPLACEMENT GENERATOR MOTOR FOR THE CITY'S AQUATIC CENTER FROM ALL POWER GENERATORS CORP. IN AN AMOUNT NOT TO EXCEED \$14,213 UTILIZING THE TERMS AND CONDITIONS OF MIAMI-DADE COUNTY CONTRACT NO. FC-00418 PURSUANT TO SECTIONS 31-11(C)(2) AND 31-11(E)(5) OF THE CITY CODE; DECLARING CERTAIN EQUIPMENT AS SURPLUS PROPERTY; AUTHORIZING THE SALE OR DISPOSITION OF SURPLUS PROPERTY; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, the City of Miami Springs (the "City") seeks to purchase and install a motor for the generator at the Aquatic Center (the "Equipment") to replace an existing generator motor that has reached the end of its useful lifecycle; and

**WHEREAS**, in accordance with Section 31-11(C)(2) of the City's Code of Ordinances (the "Code"), the City requested three quotes to purchase and install the Equipment, anticipating that the good faith estimate total cost would not exceed \$25,000; and

**WHEREAS**, the type of purchase contemplated by the City has been competitively bid by Miami-Dade County, which has entered into Contract No. FC-00418 (the "County Contract") with All Power Generators Corp. (the "Contractor"); and

**WHEREAS**, the Contractor has provided the City with a quote, consistent with the terms of the County Contract, for the purchase and installation of the Equipment in an amount not to exceed \$14,213, which Quote is attached hereto as Exhibit "A" (the "Quote"); and

**WHEREAS**, in accordance with Sections 31-11(C)(2) and 31-11(E)(5) of the City's Code of Ordinances, the City Council seeks to approve the purchase and installation of the Equipment in an amount not to exceed \$14,213, consistent with the County Contract and the Contractor's Quote, as the pricing offered by Contractor pursuant to the County Contract is in the City's best interest; and

**WHEREAS**, the City Council declares the Equipment listed on Exhibit "B"

attached hereto (the “Surplus Equipment”) as surplus property as the Surplus Equipment has become obsolete, outlived its usefulness, become inadequate for the public purposes for which it was intended, or is no longer needed for public purposes in light of the purchase authorized by this Resolution, and authorizes the City Manager to sell or otherwise dispose of the Surplus Equipment; and

**WHEREAS**, the City Council finds that this Resolution is in the best interest and welfare of the residents of the City.

**NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF MIAMI SPRINGS, FLORIDA, AS FOLLOWS:**

**Section 1. Recitals.** That the above recitals are confirmed, adopted, and incorporated herein and made a part hereof by reference.

**Section 2. Approval.** That pursuant to Sections 31-11(C)(2) and 31-11(E)(5) of the City Code, the City Council hereby approves the purchase and installation of the Equipment in an amount not to exceed \$14,213, consistent with the County Contract and the Contractor’s Quote attached hereto as Exhibit “A.”

**Section 3. Declaration of Surplus Property.** That the Surplus Equipment has become obsolete, outlived its usefulness, become inadequate for the public purposes for which it was intended, or is no longer needed for public purposes. Accordingly, the City Council declares the Surplus Equipment listed on Exhibit “B” attached hereto to be surplus personal property of the City.

**Section 4. Authorizing Sale or Disposition of Surplus Property.** That the City Manager is hereby authorized to sell or dispose of the Surplus Equipment by public auction or other procedure determined by the City Manager to be in the best interests of the City. Any surplus property items acquired by the City pursuant to governmental grant programs shall only be disposed of in accordance with procedures and criteria applicable to such grant programs.

**Section 5. Implementation.** That the City Manager is authorized to execute any purchase order or required documentation for the purchase described in this Resolution, subject to approval by the City Attorney as to form and legality, and to take any action that is reasonably necessary to implement the purpose of this Resolution.

**Section 6. Effective Date.** That this Resolution shall be effective immediately upon adoption.

The foregoing Resolution was offered by Councilman Best who moved its adoption. The motion was seconded by Councilman Vazquez and upon being put to a vote, the vote was as follows:


Vice Mayor Jacky Bravo	<u>YES</u>
Councilman Bob Best	<u>YES</u>
Councilman Dr. Walter Fajet	<u>YES</u>
Councilman Dr. Victor Vazquez	<u>YES</u>
Mayor Maria Puente Mitchell	<u>YES</u>

PASSED AND ADOPTED this 24<sup>th</sup> day of January, 2022.



MARIA PUENTE MITCHELL  
MAYOR

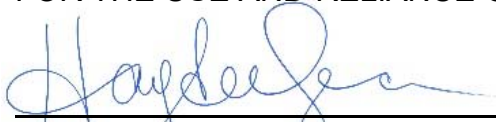
ATTEST:



ERIKA GONZALEZ, MMC  
CITY CLERK



APPROVED AS TO FORM AND LEGAL SUFFICIENCY  
FOR THE USE AND RELIANCE OF THE CITY OF MIAMI SPRINGS ONLY:



WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.  
CITY ATTORNEY

Exhibit A

Quote from All Power Generators Corp. incorporating terms of Miami-Dade County  
Contract No.: FC-00418



# Quote

MEDLEY, FL 33178

Date	Estimate #
11/10/2021	14235

Name / Address
CITY OF MIAMI SPRINGS ACCOUNTS PAYABLE 201 WESTWARD DR. FIRST FLOOR MIAMI SPRINGS, FL. 33166

Ship To
1401 WESTWARD DR  A

Terms	Rep	Serial	Model
Net 30	gc	M15260717	UCI224FIL

Description	Qty	Cost	Total
THE INVOICE WILL REFLECT ACTUAL HOURS WORKED			
ENGINE	1	8,812.50	8,812.50T
FREIGHT	1	500.00	500.00T
LABOR	80	55.00	4,400.00T
BATT CABLES, LUGS, TERMINALS prices as per Miami Dade contract	1	500.00	500.00T
PIGGYBACK			
<b>Subtotal</b>			\$14,212.50
<b>Sales Tax (0.0%)</b>			\$0.00
<b>Total</b>			\$14,212.50

Phone #	Fax #	E-mail	Web Site
305-888-0059	305-888-2090	mteliciauo@allpowergenerators.com	www.allpowergenerators.com

## Omar Luna

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**From:** Michelle Feliciano <mfeliciano@allpowergenerators.com>  
**Sent:** Tuesday, January 18, 2022 3:11 PM  
**To:** Omar Luna  
**Subject:** FW: Message from "RNP00267395EEC8"  
**Attachments:** 20220114134917768.pdf

-----Original Message-----

From: Michelle Feliciano [mailto:mfeliciano@allpowergenerators.com]  
Sent: Friday, January 14, 2022 1:43 PM  
To: 'Omar Luna' <lunao@miamisprings-fl.gov>  
Subject: FW: Message from "RNP00267395EEC8"

PIGGYBACK FROM FB-00418

Original engine VORTEC ENGINE

-----Original Message-----

From: mfeliciano@allpowergenerators.com  
[mailto:mfeliciano@allpowergenerators.com]  
Sent: Friday, January 14, 2022 1:49 PM  
To: Michelle <mfeliciano@allpowergenerators.com>  
Subject: Message from "RNP00267395EEC8"

This E-mail was sent from "RNP00267395EEC8" (MP C2503).

Scan Date: 01.14.2022 13:49:17 (-0500)  
Queries to: mfeliciano@allpowergenerators.com

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Exhibit B

City of Miami Springs Surplus Equipment

Vortec Engine

POWERED BY CHEVY 5.7L VORTEC

# 50KW GENERATOR PACKAGE

**CEG**  
780.542.2250

## CEG - POWERING EFFICIENCY

This 50KW Generator package is built on the dependable and trusted GM 5.7L Vortec Engine. With the ability to function on both Natural Gas (casing gas), and propane gives you the flexibility to operate this unit on any lease.

This unit's small footprint and light weight means that it can be placed almost anywhere to provide consistent and steady power wherever you need it.

Paired with CEG's Maintenance and Service Programs this completes an unparalleled level of service and dependability in the industry.



## THE PACKAGE CAN MEET YOUR POWER NEEDS FOR YEARS INTO THE FUTURE.

**All GM industrial engines are Vortec engines. Vortec means uncompromised power — outstanding power with no sacrifice in fuel efficiency or durability and very little required maintenance.**



Figure 2 - 5.7L Engine

- High-flow cylinder head with straighter intake ports and a higher compression ratio delivers impressive horsepower
- Valvetrain features advanced design silent timing chain for added durability and positive inlet valve stem seals for reduced oil consumption
- Roller valve lifters for reduced friction and improved performance
- Composite front timing cover for noise reduction and corrosion protection
- Water pump features include:
- Revised housing - a reservoir cavity replaces the weep hole
- Upgraded shaft, bearing, and seal for extended life
- Shrouded impeller for improved efficiency
- Cylinder head gaskets have stainless steel core for corrosion resistance

**The Vortec 5.7L V-8 engine delivers excellent performance and durability for a variety of**



POWERED BY CHEVY 5.7L VORTEC

# 50KW GENERATOR PACKAGE

**CEG**  
780.542.2250

## STANDARD FEATURES

### Package Feature

- Easy Access Oil Drain Line C/W Ball Valve
- Easy Access Top Oil Spout
- Gas inlet valve C/W Lockable Handle
- Stainless Steel Vent Lines
- Complete Fan Guard
- Easy Access Cover for Coolant Top Up
- 12V Alternator
- 12V Alternator Belt Guard
- Murphy Oil Level Sight Glass C/W Shutdown Controller
- Battery Disconnect C/W Safety Lockout
- Battery Voltage Indicator
- Oil Pressure Gauge
- RPM Tachometer
- RPM Potentiometer
- Emergency Shutdown Button
- Auxiliary Shutdown Terminal
- Auxiliary Heat Trace Valves
- Lockable Battery Box
- Dual Exhaust C/W Mufflers
- Heavy Duty Oil Containment Skid
- Dual Fuel Scrubber



## FILTERS AND FLUID

- Air Filter -
- Oil Filter -
- Suggested Oil - 5W-30 Semi-Synthetic
- Suggested Coolant - 50/50 Ethylene Glycol

## TG410 Tough Series AutoStart - Control Panel

- Oil Pressure
- Engine Temperature
- Fuel Level
- Oil Level
- Hour Meter
- RPM
- Real time clock with time/date
- Battery Voltage
- J1939 DTC codes with custom text
- Two customer defined parameters (temperature, pressure, voltage, levels)
- DPF and DEF status icons
- 3-Phase AC Volts, Amps & Hz (for generators)

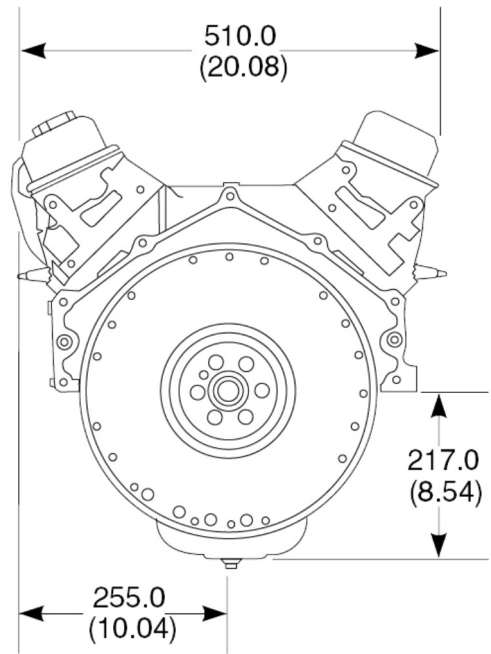
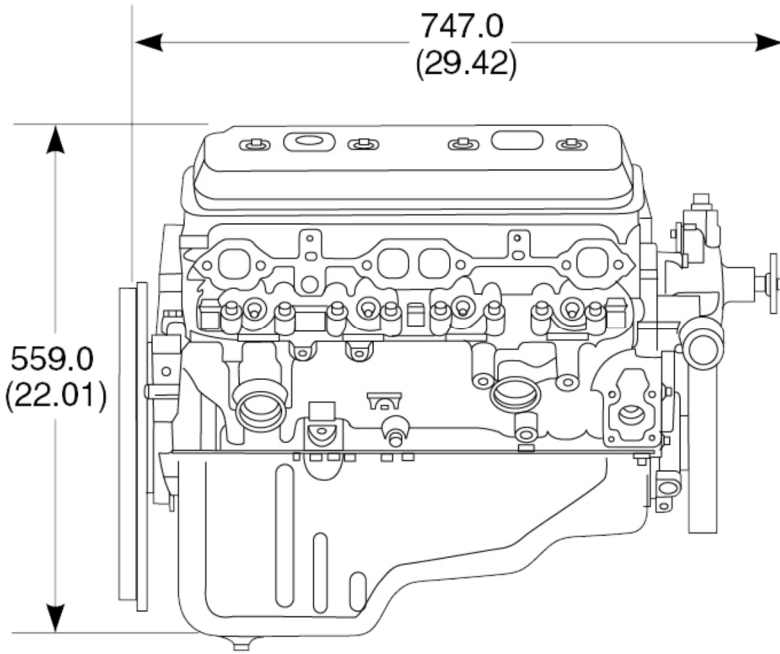


TG410 Tough Series AutoStart - Control panel

POWERED BY CHEVY 5.7L VORTEC

# 50KW GENERATOR PACKAGE

**CCG**  
780.542.2250



5.7L Engine Dimensions

### ENGINE SPECIFICATIONS

TYPE	5.7L V-8 - VORTEX
DISPLACEMENT	5736 CC
EPA CERTIFIED	AVAILABLE
ENGINE ORIENTATION	LONGITUDINAL
COMPRESSION RATION	9.4:1
VALVE CONFIGUATION	OVERHEAD VALVES (2 VALVES PER CYLINDER)
VALVE LIFTERS	HYDRAULIC ROLLER
FIRING ORDER	1-8-4-3-6-5-7-2
BORE & STROKE	101.60 X 88.39MM
MAIN BEARING CAP	4 BOLT MAIN
REAR MAIN SEAL	1 PIECE
INTAKE MANIFOLD	SINGLE PLANE
FUEL SYSTEM	NONE
FUEL TYPE	LP & NG
OIL PAN CAPACITY	12 QT/11.35 L WITH FILTER
ENGINE ROTATION	COUNTER-CLOCKWISE

### HORSEPOWER (PEAK)

PROPANE	216HP (161KW) @ 4800 RPM
NATURAL GAS	196 HP (146 KW) @ 4000 RPM

### ENGINE CONSTRUCTION

BLOCK	CAST IRON GM232-M
CYLINDER HEADS	CAST IRON
INTAKE MANIFOLD	ALUMINUM
CRANKSHAFT	NODULAR IRON
CAMSHAFT	5150 STEEL BILLET
CONNECTING RODS	FORGED - SAE 1141
PISTONS	MOLY-GRAPHITE COATED
EXHAUST MANIFOLD	CAST IRON
INTAKE SEAT	INDUSTRIAL GRADE SUPER ALLOY
INTAKE VALVES	STAINLESS STEEL
MAIN BEARING CAPS	CAST IRON GM232-M
EMISSIONS CONTROLS	POSITIVE CRANKCASE VENTI-

### TORQUE

PROPANE	61308 LB-FT (418 NM) @ 1400 RPM
NATURAL GAS	283 LB-FT (384 NM) @ 1600 RPM

POWERED BY CHEVY 5.7L VORTEC

# 50KW GENERATOR PACKAGE

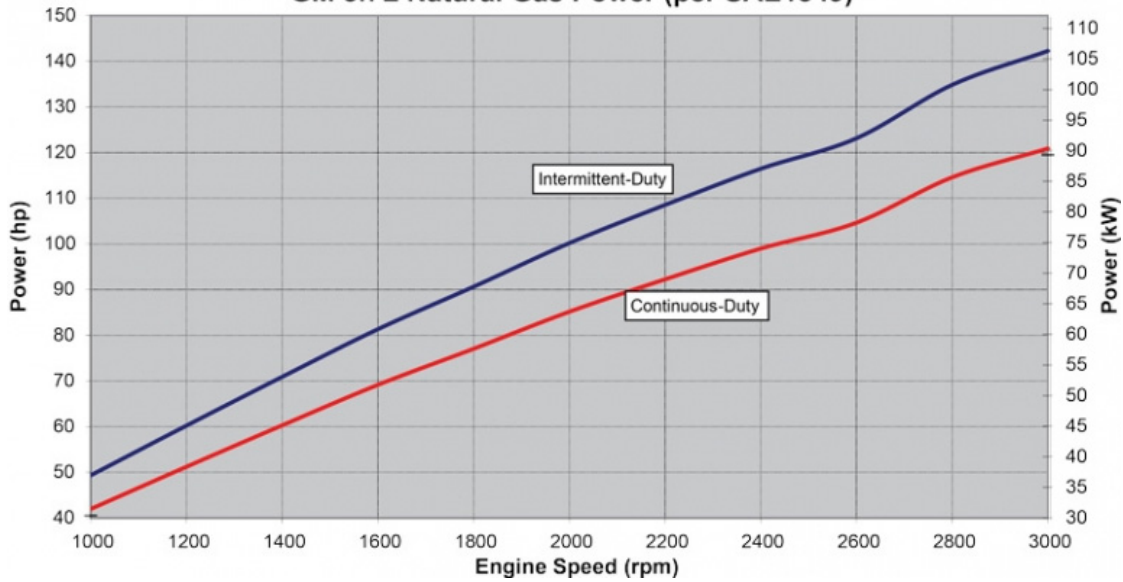


780.542.2250

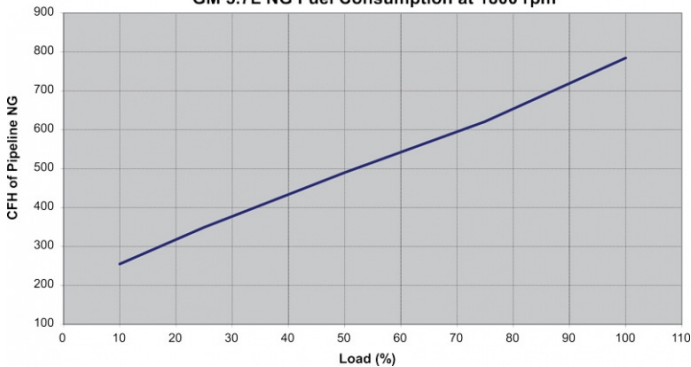
## 5.7L NATURAL GAS POWER CURVE

Engine Speed (RPM)	Intermittent Torque (ft-lb)	Continuous Torque (ft-lb)	Intermittent HP (BHP)	Continuous HP (BHP)
2400	355	293	162	134
2300	359	295	157	129
2200	364	300	152	125
2100	367	302	147	121
2000	371	306	141	116
1900	375	309	136	112
1800	379	312	130	107
1700	383	315	124	102
1600	387	319	118	97
1500	391	322	112	92

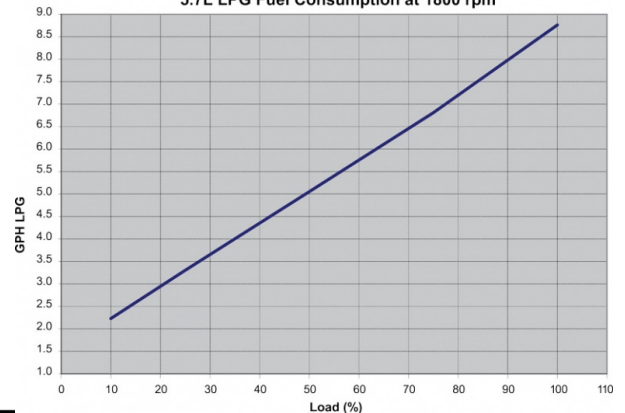
GM 5.7L Natural Gas Power (per SAE1349)



GM 5.7L NG Fuel Consumption at 1800 rpm



5.7L LPG Fuel Consumption at 1800 rpm

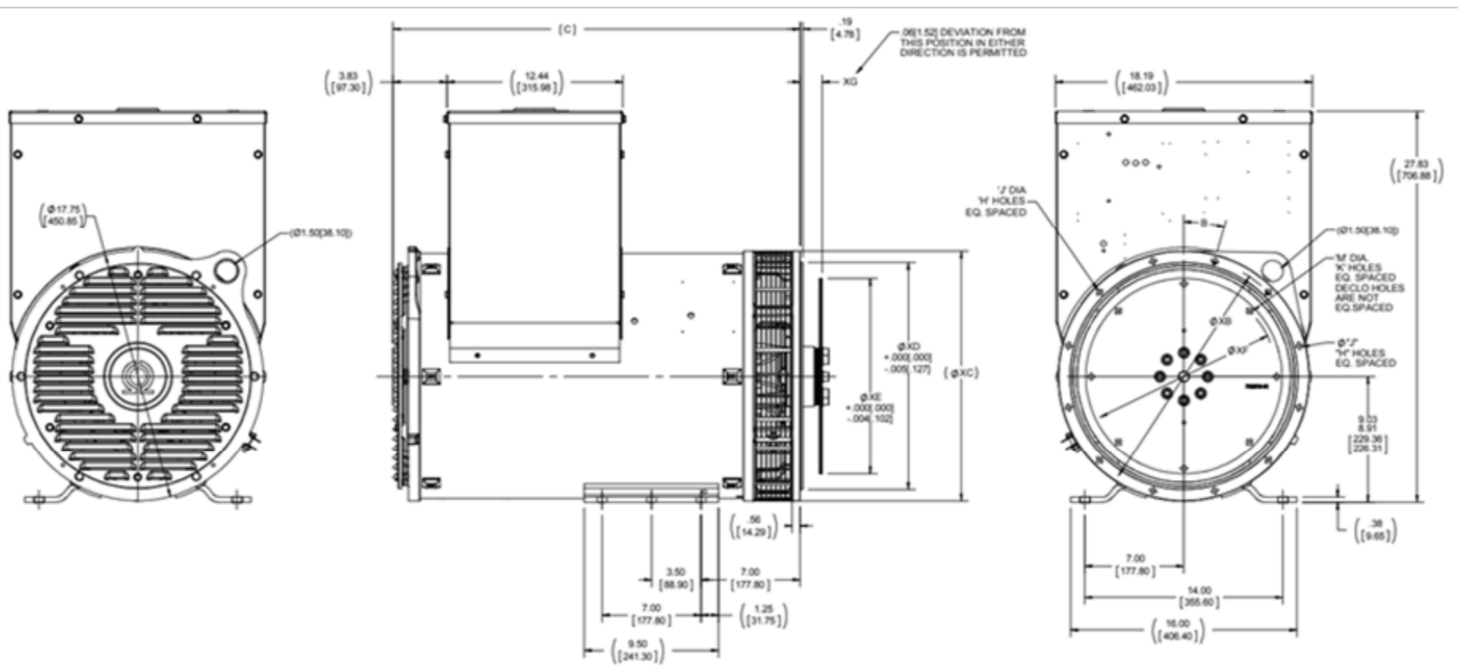
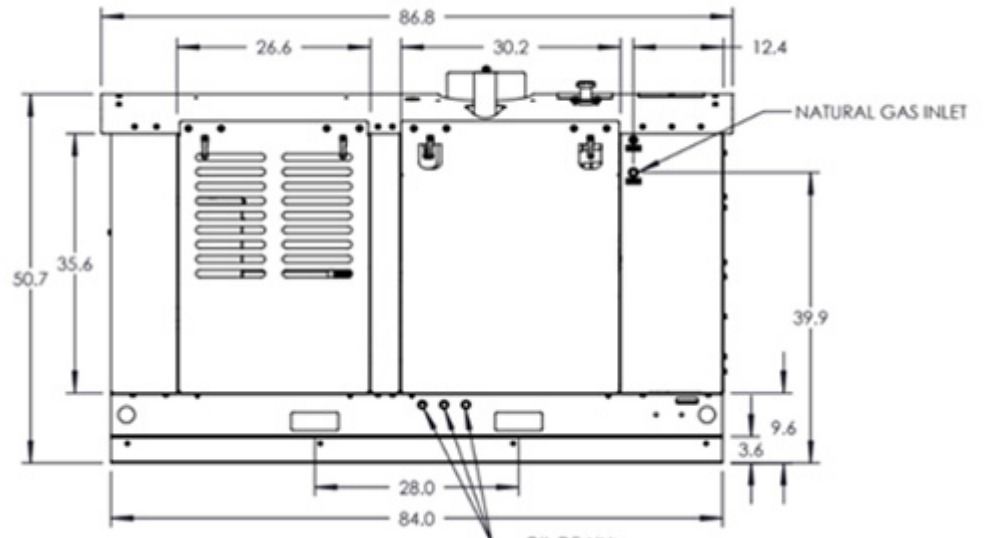
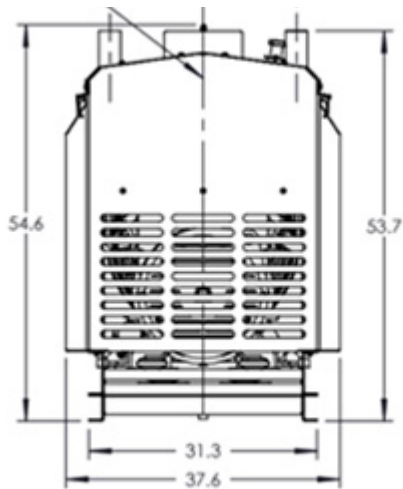


POWERED BY CHEVY 5.7L VORTEC

# 50KW GENERATOR PACKAGE



Generator package Dimensions and Locations



POWERED BY CHEVY 5.7L VORTEC

# 50KW GENERATOR PACKAGE



780.542.2250

Basic Model: 361CSL1602/361PSL1602

Date 3/28/13

Kilowatt ratings at kW (kVA)	1800 RPM			60 Hertz			12 Leads		
	3 Phase			0.8 Power Factor			Dripproof or Open Enclosure		
	Class B	Class F					Class H		
Voltage*	80° C Ⓢ Continuous	90° C Ⓢ Lloyds	95° C Ⓢ ABS	105° C † British Standard	105° C Ⓢ Continuous	130° C Ⓢ Standby	125° C † British Standard	125° C Ⓢ Continuous	150° C Ⓢ Standby
240/480	58 (73)	60 (75)	60 (75)	65 (81)	65 (81)	70 (88)	70 (88)	70 (88)	76 (95)
230/460	55 (69)	57 (71)	57 (71)	62 (77)	62 (77)	67 (83)	67 (83)	67 (83)	72 (90)
220/440	56 (70)	58 (72)	58 (72)	63 (79)	63 (79)	68 (85)	68 (85)	68 (85)	71 (89)
208/416	53 (66)	55 (69)	55 (69)	60 (75)	60 (75)	65 (81)	65 (81)	65 (81)	68 (85)
190/380	48 (60)	50 (62)	50 (62)	55 (69)	55 (69)	60 (75)	60 (75)	60 (75)	62 (78)

Ⓢ Rise by resistance method, Mil-Std-705, Method 680.1b.

† Rating per BS 5000.

