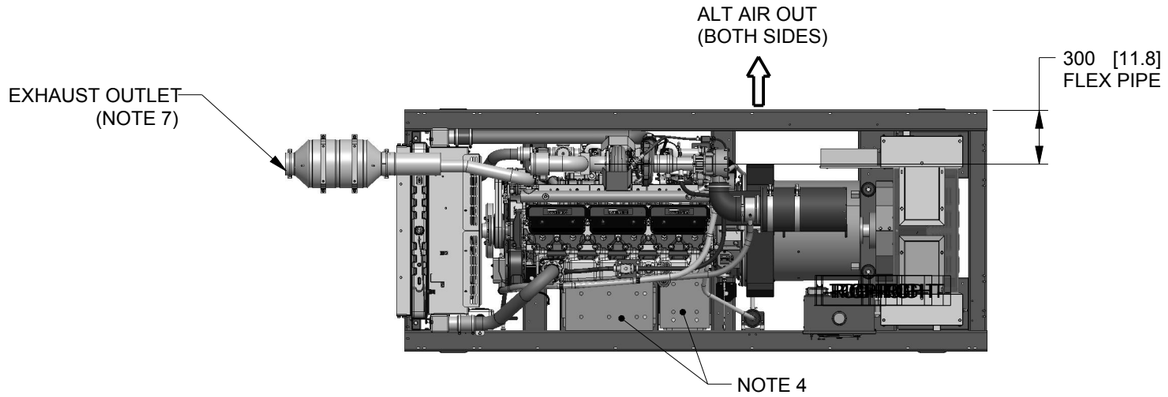
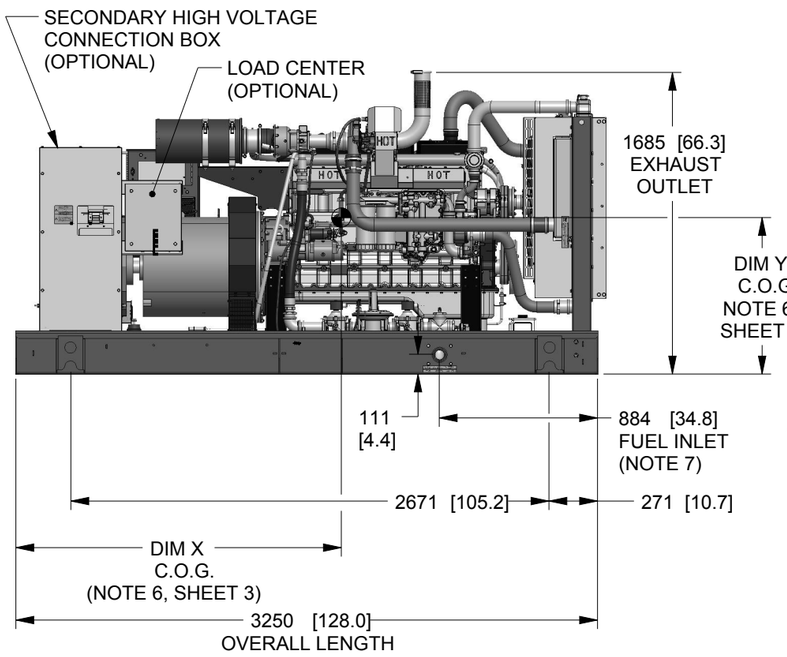
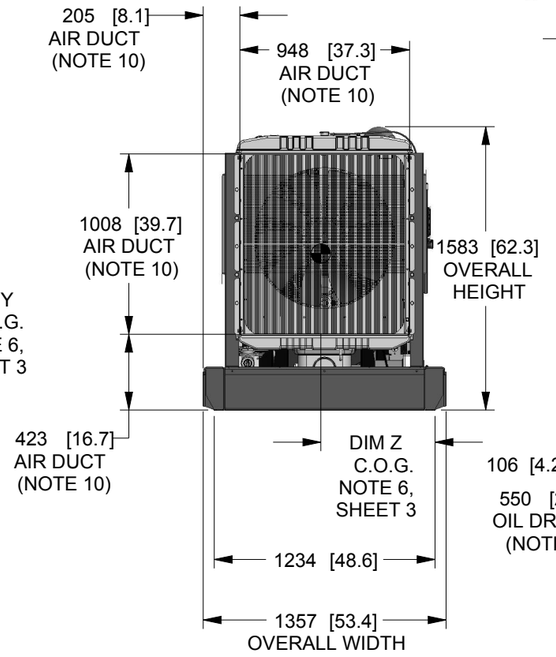
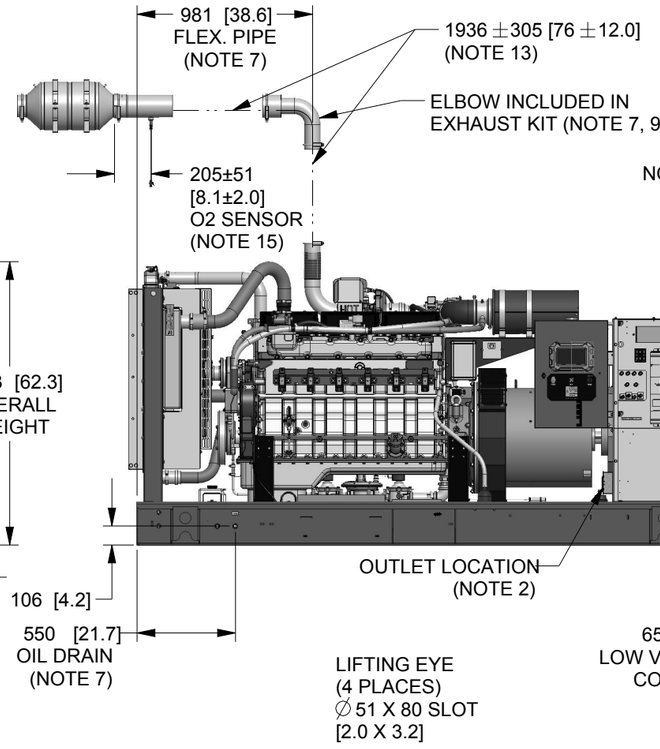
Notes:
1. CONTROL PANEL, (OPTIONAL BATTERY CHARGER INSIDE).
2. 120V, 20A GFCI & 250V, 15A OUTLET (OPTIONAL).
3. CONNECTION POINTS FOR CONTROL WIRES PROVIDED IN THE LOW VOLTAGE CONNECTION BOX (USE LOW VOLTAGE STUB-UP AREA).
4. BATTERIES (24 VOLT NEGATIVE GROUND SYSTEM).
5. MAIN LINE CIRCUIT BREAKER (MLCB), AC LOAD LEADS & NEUTRAL CONNECTIONS (DIMENSIONS MAY VARY DUE TO UNIT CONFIGURATION)
6. CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS. FOR WEIGHT AND CENTER OF GRAVITY DATA SEE SHEET 3.
7. ENGINE SERVICE CONNECTIONS:
   INLET NATURAL GAS = 2" NPT FEMALE COUPLING
   OIL DRAIN = 1/2" NPT FEMALE COUPLING
   EXHAUST CONNECTIONS = SEE NOTE 19 & 20

***** SEE GENERATOR SIZING GUIDE FOR FUEL PIPE SIZING TO SUIT APPLICATION *****
8. AUXILARY AC CONNECTION FOR UNIT OPTIONS ARE LOCATED IN HIGH VOLTAGE CONNECTION BOX, UNLESS AN OPTIONAL LOAD CENTER IS INSTALLED.
9. EXHAUST MAY BE ROTATED TO ALLOW CATALYST SILENCER TO POINT OUT TO THE RIGHT OR LEFT SIDE OF GENERATOR.
10. GENERATOR SET MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND DISCHARGE AIR FROM THE RADIATOR IS NOT RECIRCULATED. SEE SPEC SHEET FOR MIN AIR FLOW AND MAX RESTRICTION REQURIEMENTS.
11. BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW.
12. EXHAUST SYSTEM MAXIMUM BACK PRESSUE = 10" H2O POST SILENCER.
13. INSTALL EXHAUST BLANKETS ALONG THIS LINE. (BLANKETS NOT PROVIDED BY GENERAC)
14. CONNECT THE OPEN SET EXHAUST PER NFPA 37.
15. BLANKETS SHOULD NOT COVER OXYGEN SENSOR.
16. OXYGEN SENSOR MUST BE MOUNTED BETWEEN TURBO CHARGER AND CATALYST SILENCER INLET UPRIGHT AS SHOWN. IF ELBOW IS REQUIRED, ONLY SINGLE ELBOW MAY BE USED.
17. CATALYST SILENCER (FOR EPA UNITS) MUST BE MOUNTED IN DESCRIBED POSITION. FAILING TO FOLLOW THESE INSTRUCTIONS WHEN INSTALLING A CERTIFIED ENGINE IN A PIECE OF STATIONARY EQUIPMENT VIOLATES FEDERAL LAW 40 CFR 1068.105(b), SUBJECT TO FINES OR PENALTIES AS DESCRIBED IN THE CLEAN AIR ACT.
18. BOLTS OR STUDS USED TO MOUNT UNIT TO PAD SHALL BE 5/8 - 11 GRADE 5.
19. 3.5" I.D. FLEX PIPE OUTLET.
20. 5" O.D. EXHAUST OUTLET
21. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS AND REGULATIONS.









DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

DIMENSIONS ARE IN MILLIMETERS [INCHES]

INSTALLATION DRAWING

ELECTRONICALLY APPROVED
INSIDE WINDCHILL

GENERAC

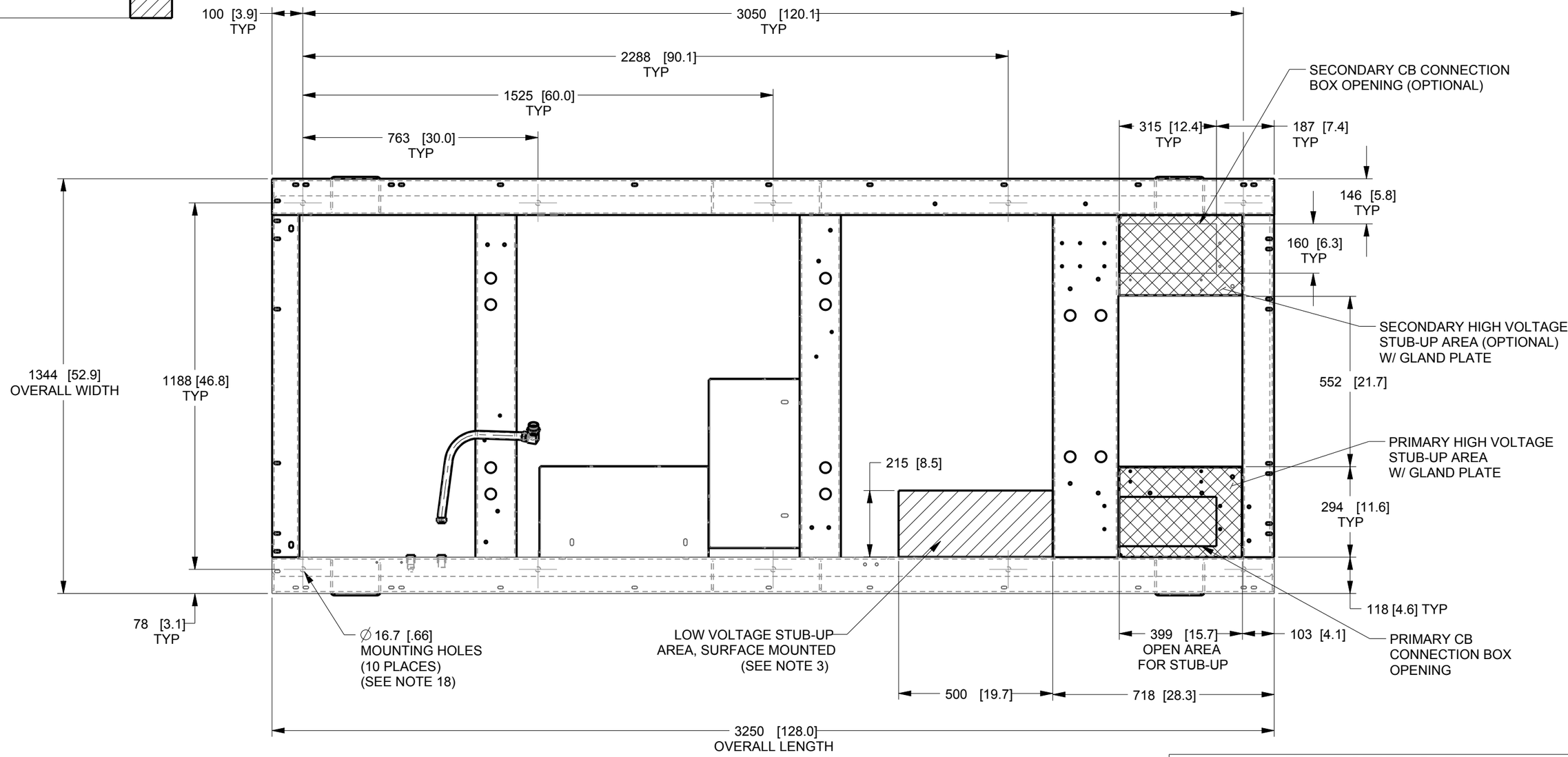
TITLE
OPEN SET
G14.2L
60HZ: SG150/PG135, SG175/PG158, SG200/PG180
50HZ: SG120/PG108, SG140/PG126, SG160/PG144

ISSUE DATE: 11/26/14

SIZE	CAGE NO	DWG NO	REV
B	N/A	10000039585	B

SCALE 0.030 | WT-KG | SHEET 1 of 3

RECOMMENDED ELECTRICAL STUB-UP	
(HIGH VOLTAGE STUB-UP) AC LOAD LEAD CONDUIT FOR PERMANENT MAGNET EXCITATION CONNECTION BOX	
(LOW VOLTAGE STUB-UP)	



DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

DIMENSIONS ARE IN MILLIMETERS [INCHES]

INSTALLATION DRAWING

ELECTRONICALLY APPROVED
INSIDE WINDCHILL

GENERAC

TITLE

STUB-UP VIEW
G14.2L
60HZ: SG150/PG135, SG175/PG158, SG200/PG180
50HZ: SG120/PG108, SG140/PG126, SG160/PG144

ISSUE DATE: 11/26/14			
SIZE B	CAGE NO N/A	DWG NO 10000039585	REV B
SCALE 0.075	WT-KG	SHEET 2 of 3	

OPEN SET

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SG/MG 120, 150, PG/WG 108, 135	240V, Ø	2,396 kg [5,281 lbs]	1748 [68.8]	706 [27.8]	615 [24.2]
SG/MG 120, 150, PG/WG 108, 135	600V	2,439 kg [5,376 lbs]	1732 [68.2]	704 [27.7]	
SG/MG 120, 150, PG/WG 108, 135	208V, 240V, 480V	2,445 kg [5,389 lbs]	1730 [68.1]	704 [27.7]	
SG/MG 140, 175, PG/WG 126, 158	240V, Ø	2,463 kg [5,429 lbs]	1721 [67.8]	703 [27.7]	
SG/MG 140, 175, PG/WG 126, 158	600V	2,469 kg [5,442 lbs]	1719 [67.7]	703 [27.7]	
SG/MG 160, 200, PG/WG 144, 180	208V, 240V, 480V	2,477 kg [5,460 lbs]	1716 [67.6]	702 [27.6]	

NOTE:
CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS

STD ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SG/MG 120, 150, PG/WG 108, 135	240V, Ø	2,840 kg [6,261 lbs]	1843 [72.6]	777 [30.6]	577 [22.7]
SG/MG 120, 150, PG/WG 108, 135	600V	2,883 kg [6,356 lbs]	1828 [72.0]	774 [30.5]	
SG/MG 120, 150, PG/WG 108, 135	208V, 240V, 480V	2,889 kg [6,369 lbs]	1826 [71.9]	773 [30.4]	
SG/MG 140, 175, PG/WG 126, 158	240V, Ø	2,907 kg [6,409 lbs]	1818 [71.6]	772 [30.4]	
SG/MG 140, 175, PG/WG 126, 158	600V	2,913 kg [6,422 lbs]	1816 [71.5]	772 [30.4]	
SG/MG 160, 200, PG/WG 144, 180	208V, 240V, 480V	2,921 kg [6,440 lbs]	1814 [71.4]	771 [30.4]	

STD ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
2,629 kg [5,795 lbs]	1837 [72.3]	757 [29.8]	577 [22.7]
2,672 kg [5,890 lbs]	1821 [71.7]	754 [29.7]	
2,678 kg [5,903 lbs]	1819 [71.6]	754 [29.7]	
2,696 kg [5,943 lbs]	1810 [71.3]	753 [29.6]	
2,702 kg [5,956 lbs]	1808 [71.2]	752 [29.6]	
2,710 kg [5,974 lbs]	1805 [71.1]	752 [29.6]	

L1A ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SG/MG 120, 150, PG/WG 108, 135	240V, Ø	2,978 kg [6,566 lbs]	1771 [69.7]	790 [31.1]	578 [22.8]
SG/MG 120, 150, PG/WG 108, 135	600V	3,021 kg [6,660 lbs]	1758 [69.2]	787 [31.0]	
SG/MG 120, 150, PG/WG 108, 135	208V, 240V, 480V	3,027 kg [6,674 lbs]	1757 [69.2]	786 [31.0]	
SG/MG 140, 175, PG/WG 126, 158	240V, Ø	3,045 kg [6,713 lbs]	1749 [68.9]	785 [30.9]	
SG/MG 140, 175, PG/WG 126, 158	600V	3,051 kg [6,726 lbs]	1748 [68.8]	785 [30.9]	
SG/MG 160, 200, PG/WG 144, 180	208V, 240V, 480V	3,059 kg [6,744 lbs]	1745 [68.7]	784 [30.9]	

L1A ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
2,688 kg [5,926 lbs]	1808 [71.2]	768 [30.2]	579 [22.8]
2,731 kg [6,021 lbs]	1792 [70.6]	765 [30.1]	
2,737 kg [6,034 lbs]	1791 [70.5]	764 [30.1]	
2,755 kg [6,074 lbs]	1782 [70.2]	763 [30.0]	
2,761 kg [6,087 lbs]	1780 [70.1]	763 [30.0]	
2,769 kg [6,104 lbs]	1777 [70.0]	762 [30.0]	

L2A ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SG/MG 120, 150, PG/WG 108, 135	240V, Ø	3,085 kg [6,801 lbs]	1859 [73.2]	886 [34.9]	580 [22.8]
SG/MG 120, 150, PG/WG 108, 135	600V	3,128 kg [6,896 lbs]	1845 [72.6]	881 [34.7]	
SG/MG 120, 150, PG/WG 108, 135	208V, 240V, 480V	3,134 kg [6,909 lbs]	1843 [72.6]	881 [34.7]	
SG/MG 140, 175, PG/WG 126, 158	240V, Ø	3,152 kg [6,949 lbs]	1836 [72.3]	879 [34.6]	
SG/MG 140, 175, PG/WG 126, 158	600V	3,158 kg [6,962 lbs]	1834 [72.2]	878 [34.6]	
SG/MG 160, 200, PG/WG 144, 180	208V, 240V, 480V	3,166 kg [6,980 lbs]	1831 [72.1]	877 [34.5]	

L2A ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
2,734 kg [6,027 lbs]	1855 [73.0]	827 [32.6]	581 [22.9]
2,777 kg [6,122 lbs]	1839 [72.4]	823 [32.4]	
2,783 kg [6,135 lbs]	1837 [72.3]	823 [32.4]	
2,801 kg [6,175 lbs]	1829 [72.0]	821 [32.3]	
2,807 kg [6,188 lbs]	1829 [71.9]	820 [32.3]	
2,815 kg [6,206 lbs]	1824 [71.8]	820 [32.3]	

DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

DIMENSIONS ARE IN MILLIMETERS [INCHES]

INSTALLATION DRAWING

ELECTRONICALLY APPROVED
INSIDE WINDCHILL

GENERAC

TITLE
WEIGHT AND CENTER OF GRAVITY
G14.2L
60HZ: SG150/PG135, SG175/PG158, SG200/PG180
50HZ: SG120/PG108, SG140/PG126, SG160/PG144

ISSUE DATE: 11/26/14

SIZE	CAGE NO	DWG NO	REV
B	N/A	10000039585	B

SCALE 0.016 | WT-KG | SHEET 3 of 3