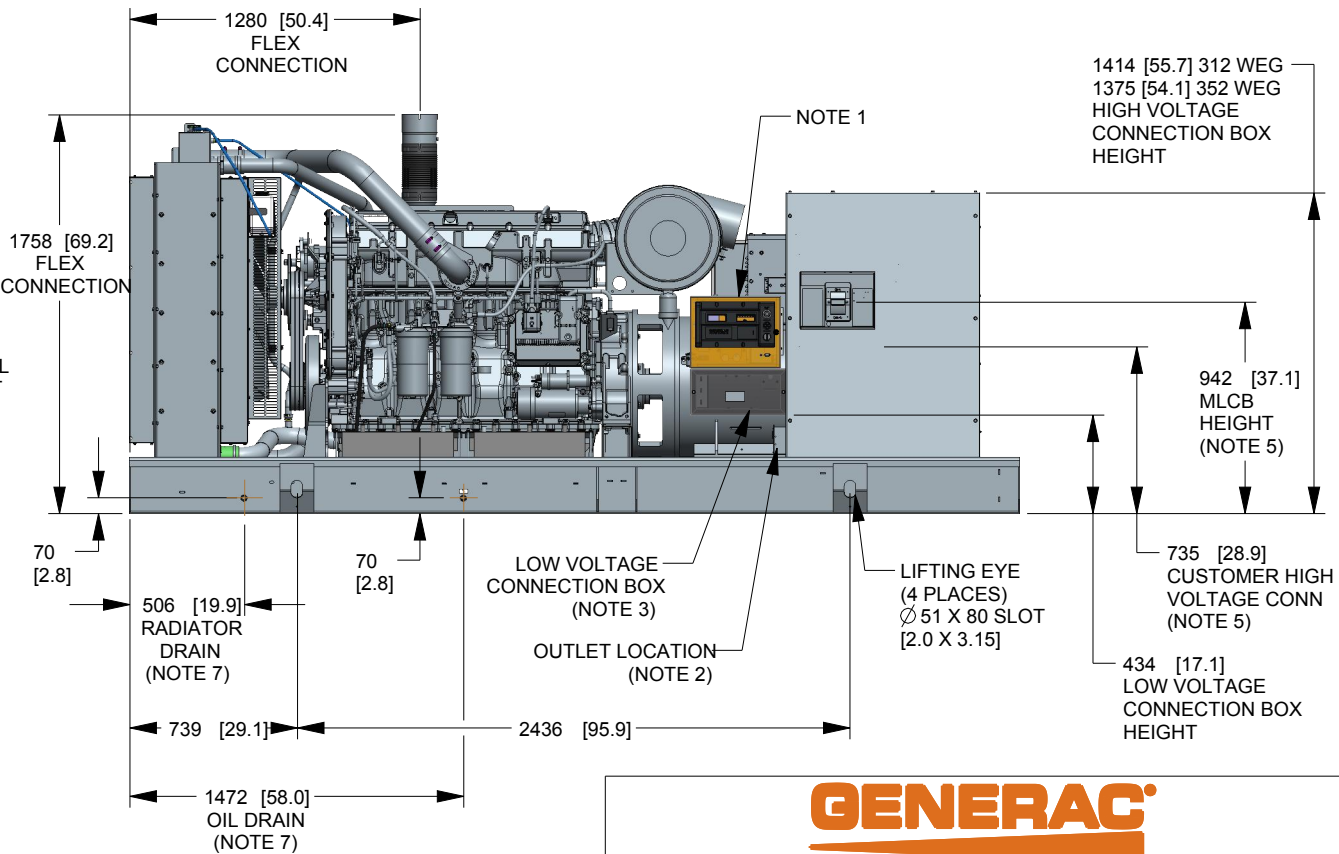
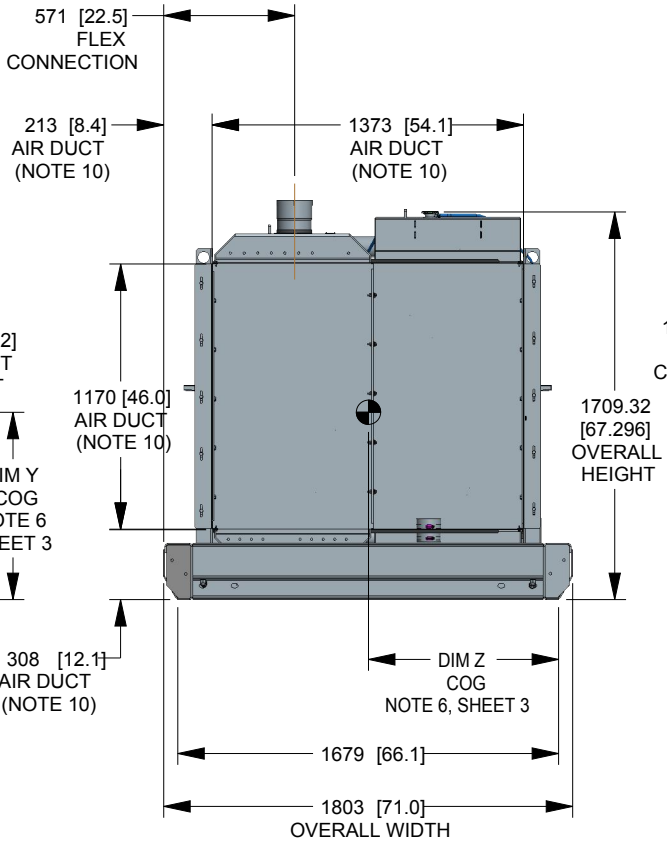
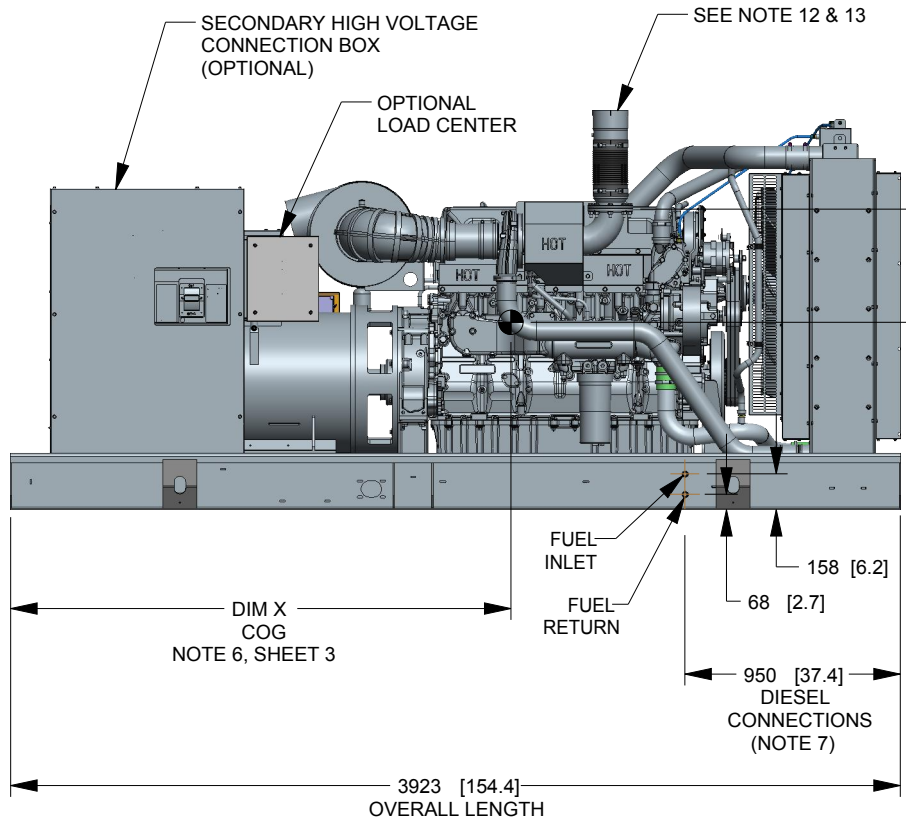


- NOTES:
- 1. CONTROL PANEL, (OPTIONAL BATTERY CHARGER INSIDE).
 - 2. 120V, 20A GFCI & 250V, 15A OUTLET (OPTIONAL).
 - 3. CONNECTION POINTS FOR CONTROL WIRES PROVIDED IN THE LOW VOLTAGE CONNECTION BOX (USE LOW VOLTAGE STUB-UP AREA).
 - 4. BATTERY (24 VOLT NEGATIVE GROUND SYSTEM).
 - 5. MAIN LINE CIRCUIT BREAKER (MLCB), AC LOAD LEADS. (DIMENSIONS MAY VARY DUE TO UNIT CONFIGURATION)
 - 6. CENTER OF GRAVITY AND WEIGHT MAY CHANGE DUE TO UNIT OPTIONS.
 - 7. ENGINE SERVICE CONNECTIONS:
 - INLET NATURA GAS = N/A
 - INLET DIESEL = 1/2" NPT FEMALE COUPLING
 - RETURN DIESEL = 1/2" NPT FEMALE COUPLING
 - OIL DRAIN = 1/2" NPT FEMALE COUPLING
 - RADIATOR DRAIN = 1/2" NPT FEMALE COUPLING
 - FLEX PIPE OUTLET = 6" I.D. PIPE
 - EXHAUST OUTLET = 5" I.D. SAE FLANGE (TURB O CONNECTION)
- ***** SEE GENERATOR SIZING GUIDE FOR FUEL PIPE SIZING TO SUIT APPLICATION *****

- 8. AUXILIARY AC CONNECTION FOR UNIT OPTIONS ARE LOCATED IN HIGH VOLTAGE CONNECTION BOX, UNLESS AN OPTIONAL LOAD CENTER IS INSTALLED.
 - 9. EXHAUST PIPES MAY BE ROTATED TO ALLOW MUFFLER TO POINT OUT TO THE RIGHT OR LEFT SIDE OF GENERATOR. (MAY NOT APPLY TO ALL UNITS)
 - 10. GENERATOR SET MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND DISCHARGE AIR FROM THE RADIATOR IS NOT RECIRCULATED.
 - 11. BOTTOM OF GENERATOR SET MUST BE ENCLOSED TO PREVENT PEST INTRUSION AND RECIRCULATION OF DISCHARGE AIR AND/OR IMPROPER COOLING AIR FLOW.
 - 12. INSTALL EXHAUST BLANKETS ALONG THIS LINE
 - 13. CONNECT THE OPEN SET EXHAUST PER NFPA 37
 - 14. BOLTS OR STUDS USED TO MOUNT UNIT TO PAD, OR BASE TANK, SHALL BE 5/8"-11 GRADE 5. USE STANDARD SAE TORQUE SPECS. (FOR INSTALLATION OF FUEL TANK TO PAD REFER TO INSTALL DRAWING OF THE BASE TANK)
- ADDITIONAL NOTES:
FOR WEIGHT AND CENTER OF GRAVITY DATA SEE NOTE 6, AND SHEET 3.



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DIMENSIONS ARE IN MILLIMETERS [INCHES]

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ELECTRONICALLY APPROVED
INSIDE WINDCHILL



TITLE

OPEN SET
D15.2L SD500, PD450

ISSUE DATE: 03/21/14

SIZE

CAGE NO

DWG NO

OK1606

REV

B

N/A

WT-KG

SHEET

1 of 3

4

3

SH

2/3

REV

H

WINDCHILL VERSION

H.2

1

RECOMMENDED ELECTRICAL STUB-UP

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

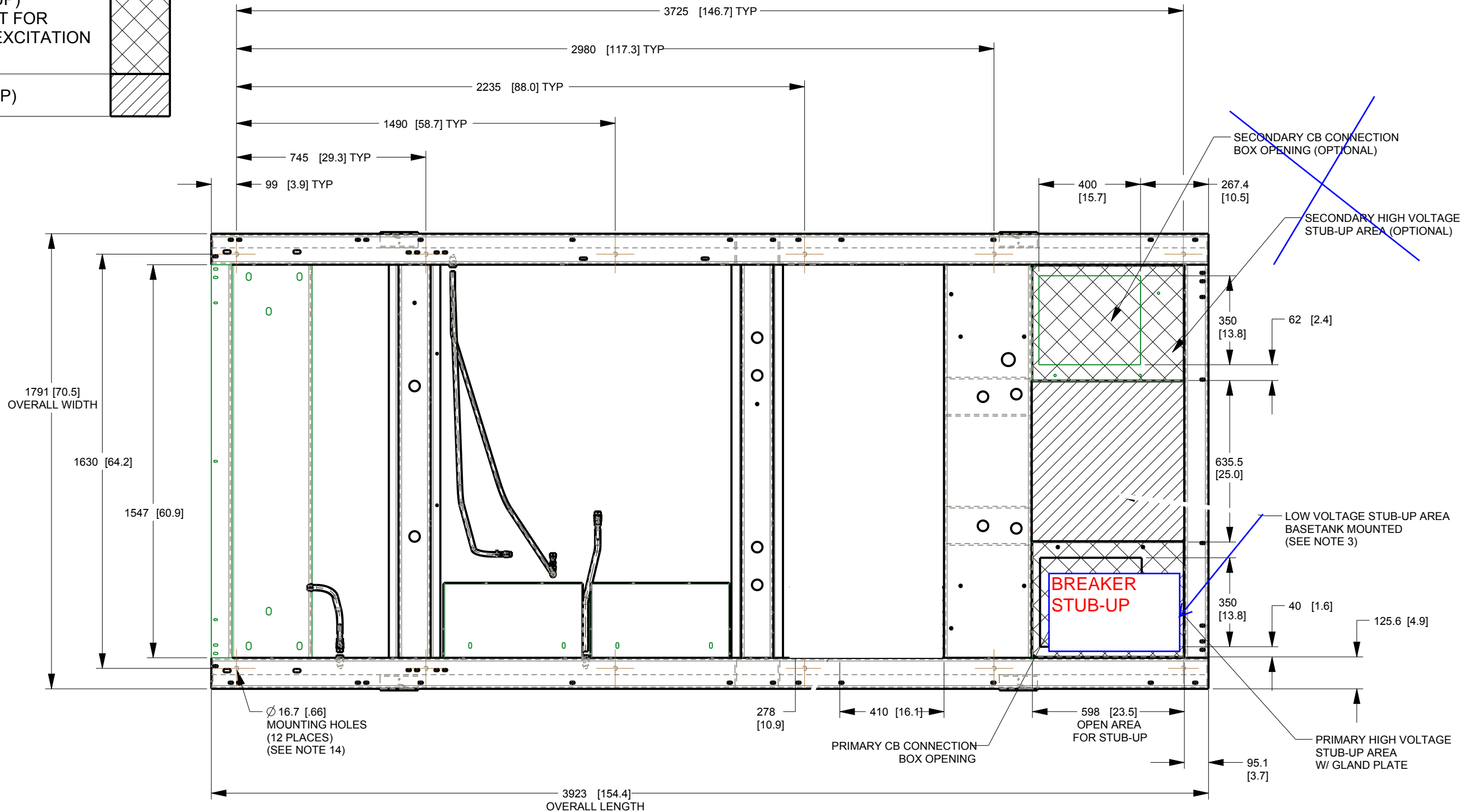
(LOW VOLTAGE STUB-UP)

B

A

B

A



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ELECTRONICALLY APPROVED
INSIDE WINDCHILL

GENERAC

TITLE

STUB-UP VIEW
D15.2L SD500, PD450

ISSUE DATE: 03/21/14

SIZE

CAGE NO

DWG NO

OK1606

REV

H

SCALE

0.060

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
SD/MD 500, PD/WD 450	480V	3,807 kg [8,393 lbs]	1952 [76.9]	642 [25.3]	837 [33.0]
SD/MD 500, PD/WD 450	480V UPSIZED ALT. (642kw)	3,907 kg [8,614 lbs]	1912 [75.3]	639 [25.2]	837 [33.0]
SD500, PD450	208V & 240V				
SD/MD 500, PD/WD 450	480V UPSIZED ALT. (832kw)	4,799 kg [10,580 lbs]	1709 [67.3]	622 [24.5]	837 [33.0]
SD500, PD450	208V & 240V UPSIZED ALT (723kw)				
SD500, PD450	208V & 240V UPSIZED ALT (689kw)	4,506 kg [9,934 lbs]	1758 [69.2]	627 [24.7]	837 [33.0]
SD/MD 500, PD/WD 450	600V	4,157 kg [9,165 lbs]	1859 [73.2]	634 [25.0]	837 [33.0]
SD/MD 500, PD/WD 450	600V UPSIZED ALT. (800kw)	4,733 kg [10,435 lbs]	1720 [67.7]	623 [24.5]	837 [33.0]

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
SD/MD 500, PD/WD 450	480V	4,822 kg [10,631 lbs]	2215 [87.2]	771 [30.4]	802 [31.6]
SD/MD 500, PD/WD 450	480V UPSIZED ALT. (642kw)	4,922 kg [10,851 lbs]	2178 [85.7]	766 [30.2]	801 [31.5]
SD500, PD450	208V & 240V				
SD/MD 500, PD/WD 450	480V UPSIZED ALT. (832kw)	5,814 kg [12,818 lbs]	1969 [77.5]	731 [28.8]	798 [31.4]
SD500, PD450	208V & 240V UPSIZED ALT (723kw)				
SD500, PD450	208V & 240V UPSIZED ALT (689kw)	5,521 kg [12,172 lbs]	2023 [79.6]	741 [29.2]	799 [31.5]
SD/MD 500, PD/WD 450	600V	5,172 kg [11,402 lbs]	2122 [83.5]	755 [29.7]	800 [31.5]
SD/MD 500, PD/WD 450	600V UPSIZED ALT. (800kw)	5,748 kg [12,672 lbs]	1981 [78.0]	733 [28.9]	798 [31.4]

STD ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM "X"	CENTER OF GRAVITY DIM "Y"	CENTER OF GRAVITY DIM "Z"
4,329 kg [9,544 lbs]	2138 [84.2]	718 [28.3]	797 [31.4]
4,429 kg [9,764 lbs]	2099 [82.6]	714 [28.1]	797 [31.4]
5,321 kg [11,731 lbs]	1884 [74.2]	685 [27.0]	794 [31.3]
5,028 kg [11,085 lbs]	1938 [76.3]	693 [27.3]	795 [31.3]
4,679 kg [10,315 lbs]	2041 [80.4]	704 [27.7]	796 [31.3]
5,255 kg [11,585 lbs]	1895 [74.6]	687 [27.0]	794 [31.3]

L1A ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SD/MD 500, PD/WD 450	480V	5,278 kg [11,636 lbs]	2048 [80.6]	803 [31.6]	809 [31.9]
SD/MD 500, PD/WD 450	480V UPSIZED ALT. (642kw)	5,378 kg [11,856 lbs]	2019 [79.5]	797 [31.4]	808 [31.8]
SD500, PD450	208V & 240V				
SD/MD 500, PD/WD 450	480V UPSIZED ALT. (832kw)	6,270 kg [13,823 lbs]	1851 [72.8]	760 [29.9]	804 [31.7]
SD500, PD450	208V & 240V UPSIZED ALT (723kw)				
SD500, PD450	208V & 240V UPSIZED ALT (689kw)	5,977 kg [13,177 lbs]	1894 [74.6]	771 [30.4]	805 [31.7]
SD/MD 500, PD/WD 450	600V	5,628 kg [12,407 lbs]	1976 [77.8]	786 [30.9]	807 [31.8]
SD/MD 500, PD/WD 450	600V UPSIZED ALT. (800kw)	6,204 kg [13,677 lbs]	1861 [73.3]	763 [30.0]	805 [31.7]

L1A ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM "X"	CENTER OF GRAVITY DIM "Y"	CENTER OF GRAVITY DIM "Z"
4,525 kg [9,976 lbs]	2057 [81.0]	736 [29.0]	801 [31.5]
4,625 kg [10,196 lbs]	2022 [79.6]	782 [30.8]	800 [31.5]
5,517 kg [12,163 lbs]	1828 [72.0]	701 [27.6]	797 [31.4]
5,224 kg [11,517 lbs]	1877 [73.9]	710 [28.0]	798 [31.4]
4,875 kg [10,747 lbs]	1971 [77.6]	722 [28.4]	799 [31.5]
5,451 kg [12,017 lbs]	1839 [72.4]	703 [27.7]	797 [31.4]

L2A ENCLOSURE, STEEL

MODEL	VOLTAGE	WEIGHT	CENTER OF GRAVITY DIM X	CENTER OF GRAVITY DIM Y	CENTER OF GRAVITY DIM Z
SD/MD 500, PD/WD 450	480V	5,431 kg [11,973 lbs]	2244 [88.3]	966 [38.0]	805 [31.7]
SD/MD 500, PD/WD 450	480V UPSIZED ALT. (642kw)	5,531 kg [12,194 lbs]	2211 [87.0]	958 [37.7]	804 [31.7]
SD500, PD450	208V & 240V				
SD/MD 500, PD/WD 450	480V UPSIZED ALT. (832kw)	6,423 kg [14,160 lbs]	2019 [79.5]	897 [35.3]	801 [31.5]
SD500, PD450	208V & 240V UPSIZED ALT (723kw)				
SD500, PD450	208V & 240V UPSIZED ALT (689kw)	6,130 kg [13,514 lbs]	2070 [81.5]	915 [36.0]	802 [31.6]
SD/MD 500, PD/WD 450	600V	5,781 kg [12,745 lbs]	2160 [85.0]	939 [37.0]	803 [31.6]
SD/MD 500, PD/WD 450	600V UPSIZED ALT. (800kw)	6,357 kg [14,015 lbs]	2030 [79.9]	901 [35.5]	801 [31.5]

L2A ENCLOSURE, ALUMINUM

WEIGHT	CENTER OF GRAVITY DIM "X"	CENTER OF GRAVITY DIM "Y"	CENTER OF GRAVITY DIM "Z"
4,590 kg [10,119 lbs]	2158 [85.0]	823 [32.4]	799 [31.5]
4,690 kg [10,340 lbs]	2121 [83.5]	816 [32.1]	798 [31.4]
5,582 kg [12,306 lbs]	1913 [75.3]	771 [30.4]	796 [31.3]
5,289 kg [11,660 lbs]	1966 [77.4]	784 [30.9]	796 [31.3]
4,940 kg [10,891 lbs]	2065 [81.3]	801 [31.5]	797 [31.4]
5,516 kg [12,161 lbs]	1924 [75.7]	773 [30.4]	796 [31.3]

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ELECTRONICALLY APPROVED
INSIDE WINDCHILL



TITLE				
WEIGHT & CENTER OF GRAVITY D15.2L SD500, PD450				
ISSUE DATE:		03/21/14		
SIZE	CAGE NO	DWG NO	0K1606	REV
B	N/A			H
SCALE	0.060	WT-KG	SHEET	3 of 3