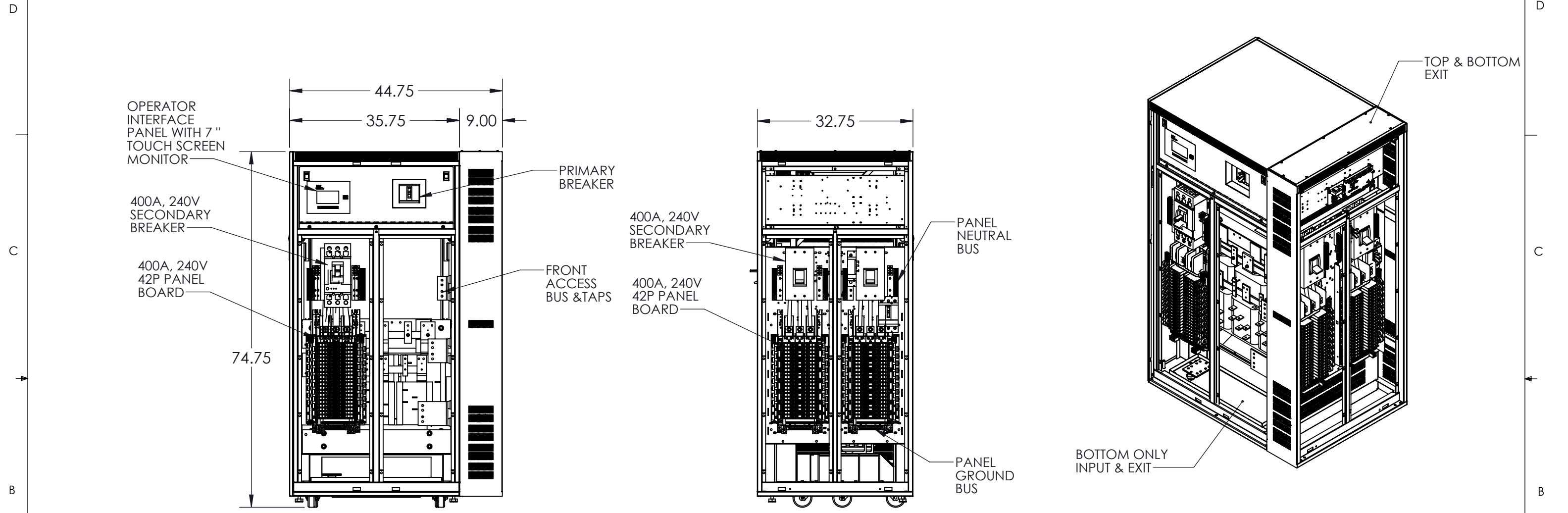


LAYOUT OPTION #1

125 KW (1) 400A PB W 9" SIDE CAR (3) 400A PB

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
X1	REMOVE BCMS	5/6/2015	LJN



GENERAL SPECIFIED

CABINET CHARACTERISTIC:
ENCLOSURE : NEMA 1
LOCATION : INDOOR

MECHANICAL:
MATERIAL: STEEL
FINISH: EXTERIOR PANELS: PEARL WHITE - PHTI-60016
WEIGHT : 2500 LBS. APPROX.

ELECTRICAL:
INPUT #1: 480VAC 3PH-4W W/GND @ 60 HZ, 250A (MAX) (2 EA. # 2/O-350 MCM CU)
OUTPUT (3)PB : 400A, 240V (42) POLE, BOLT ON CIRCUIT BREAKER
TRANSFORMER: 480-280/120, 125kVA, K-20, 150°C RISE

ENVIROMENTAL:
OPERATING AMBIENT TEMPERATURE 0°C TO 40°C (32° F TO 104°F)
RELATIVE HUMIDITY: 0% TO 95 % NON-CONDENSING
ALTITUDE: 10,000 FT MAX

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
[] IN MILLIMETER
ANGULAR: ±0.5° BEND ±1°
TWO PLACE DECIMAL ±0.02
THREE PLACE DECIMAL ±0.005

THIS DRAWING CONTAINS
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INFORMATION AND SHALL NOT
BE DISCLOSED OR COPIED
WITHOUT THE EXPRESSED,
WRITTEN PERMISSION OF
SMITHS POWER



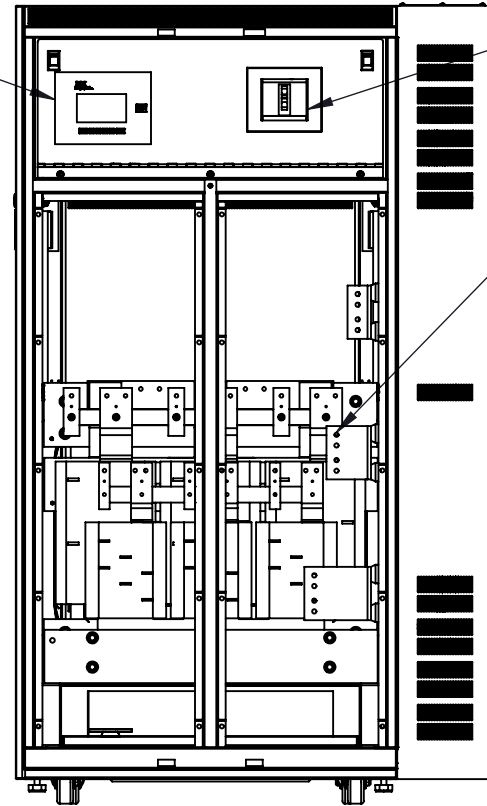
		DO NOT SCALE DRAWING	
APPROVALS		DATE	
DRAWN	RAE	5/9/15	
CHECKED	LJN	5/6/15	
ENG. APPR.			

TITLE: PDU-OUTLINE		
125 KW (1) 400A PB W 9" SIDE CAR (2) 400A PB		
SIZE	DWG. NO.	REV
B	DWG11212	X2
PART NO.		SHEET 1 OF 5

LAYOUT OPTION #2

125 KW W 9" SIDE CAR (2) 400A PB

OPERATOR
INTERFACE
PANEL WITH 7"
TOUCH SCREEN
MONITOR



PRIMARY
BREAKER

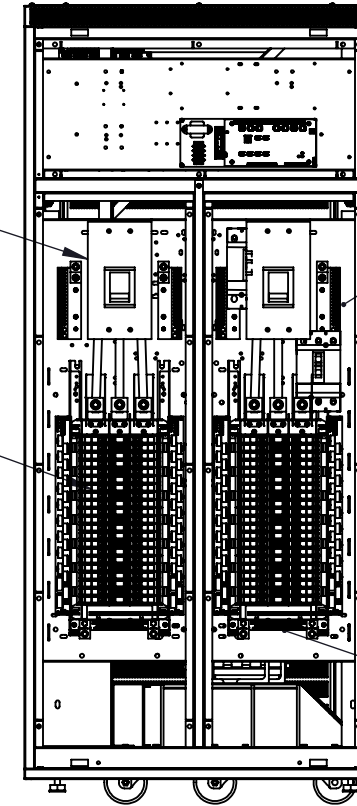
FRONT ACCESS
BUS & TAPS

400A, 240V
SECONDARY
BREAKER

400A, 240V
42P PANEL
BOARD

PANEL
NEUTRAL
BUS

PANEL
GROUND
BUS



GENERAL SPECIFIED

CABINET CHARACTERISTIC:
ENCLOSURE : NEMA 1
LOCATION : INDOOR

MECHANICAL:
MATERIAL: STEEL
FINISH: EXTERIOR PANELS: PEARL WHITE - PHTI-60016
WEIGHT : 2500 LBS. APPROX.

ELECTRICAL:
INPUT #1: 480VAC 3PH-4W W/GND @ 60 HZ, 250A (MAX) (2 EA. # 2/O-350 MCM CU)
OUTPUT (2)PB : 400A, 240V (42) POLE, BOLT ON CIRCUIT BREAKER
TRANSFORMER: 480-280/120, 125kVA, K-20, 150°C RISE

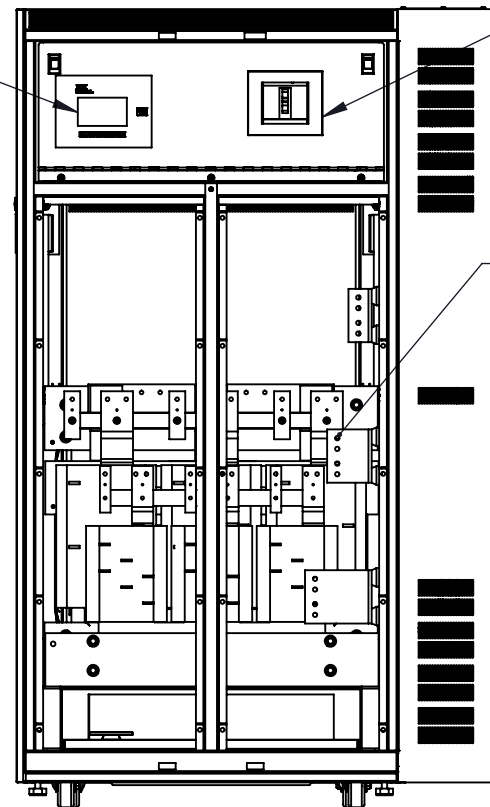
ENVIRONMENTAL:
OPERATING AMBIENT TEMPERATURE 0°C TO 40°C (32° F TO 104°F)
RELATIVE HUMIDITY: 0% TO 95 % NON-CONDENSING
ALTITUDE: 10,000 FT MAX

SIZE B	DWG. NO. DWG11212	REV X1
PART NO. JOC1232015-SS		SHEET 2 OF 5

LAYOUT OPTION #3

125 KW W 9" SIDE CAR (2) 400A PB, (2) 225A SUB FEED

OPERATOR INTERFACE
PANEL WITH 7"
TOUCH SCREEN
MONITOR



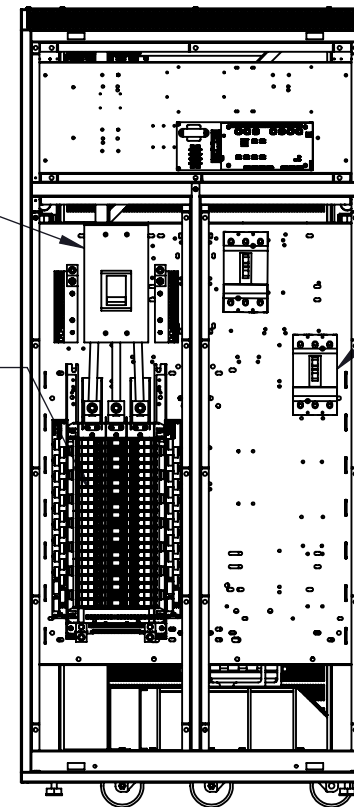
PRIMARY
BREAKER

FRONT ACCESS
BUS & TAPS

400A, 240V
SECONDARY
BREAKER

400A, 240V
42P PANEL BOARD

(2) 225A, 240V
SUB FEED
BREAKER



GENERAL SPECIFIED

CABINET CHARACTERISTIC:
ENCLOSURE : NEMA 1
LOCATION : INDOOR

MECHANICAL:
MATERIAL: STEEL
FINISH: EXTERIOR PANELS: PEARL WHITE - PHTI-60016
WEIGHT : 2500 LBS. APPROX.

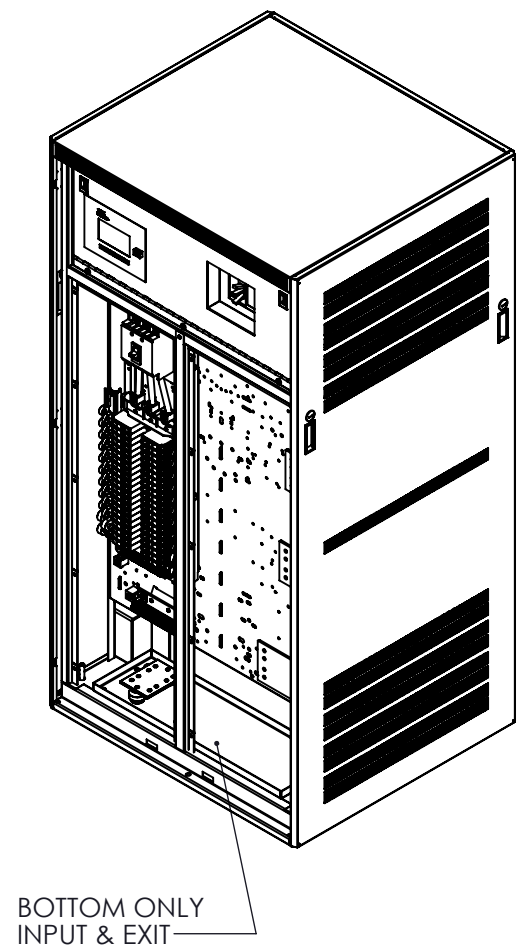
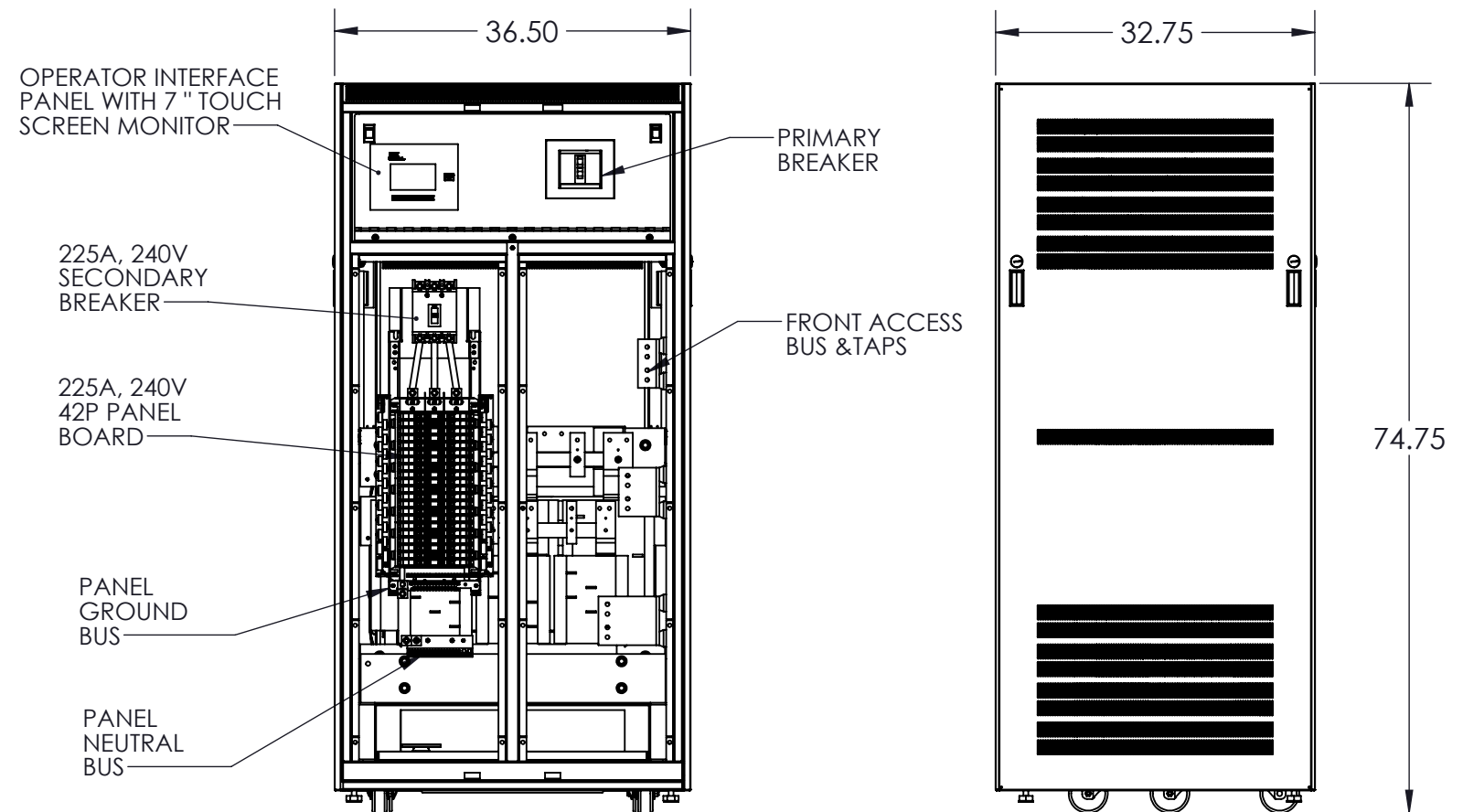
ELECTRICAL:
INPUT #1: 480VAC 3PH-4W W/GND @ 60 HZ, 250A (MAX) (2 EA. # 2/O-350 MCM CU)
OUTPUT (1)PB : 400A, 240V (42) POLE, BOLT ON CIRCUIT BREAKER
OUTPUT (2)SUBFEED : 225A, 240V
TRANSFOMER: 480-280/120, 125kVA, K-20, 150°C RISE

ENVIROMENTAL:
OPERATING AMBIENT TEMPERATURE 0°C TO 40°C (32° F TO 104°F)
RELATIVE HUMIDITY: 0% TO 95 % NON-CONDENSING
ALTITUDE: 10,000 FT MAX

SIZE B	DWG. NO. DWG11212	REV X1
SCALE: 1:24	PART NO. JOC1232015-SS	SHEET 3 OF 5

LAYOUT OPTION #4

100kVA & 50KkVA , (1) 225A 240V (42P) PANEL BOARD



GENERAL SPECIFIED

CABINET CHARACTERISTIC:
 ENCLOSURE : NEMA 1
 LOCATION : INDOOR

MECHANICAL:
 MATERIAL: STEEL
 FINISH: EXTERIOR PANELS: PEARL WHITE - PHTI-60016
 WEIGHT : 2500 LBS. APPROX.

ELECTRICAL:
 INPUT #1: 480VAC 3PH-4W W/GND @ 60 HZ, 250A (MAX) (2 EA. # 2/O-350 MCM CU)
 OUTPUT (1)PB : 225A, 240V (42) POLE, BOLT ON CIRCUIT BREAKER
 TRANSFORMER: 480-280/120, 100kVA, K-20, 150°C RISE

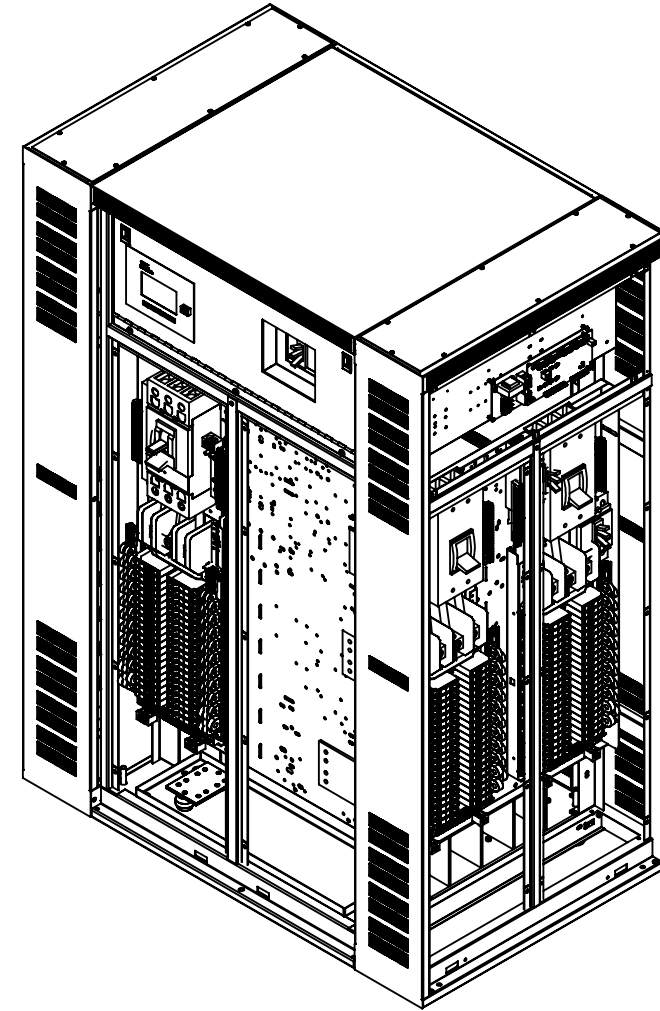
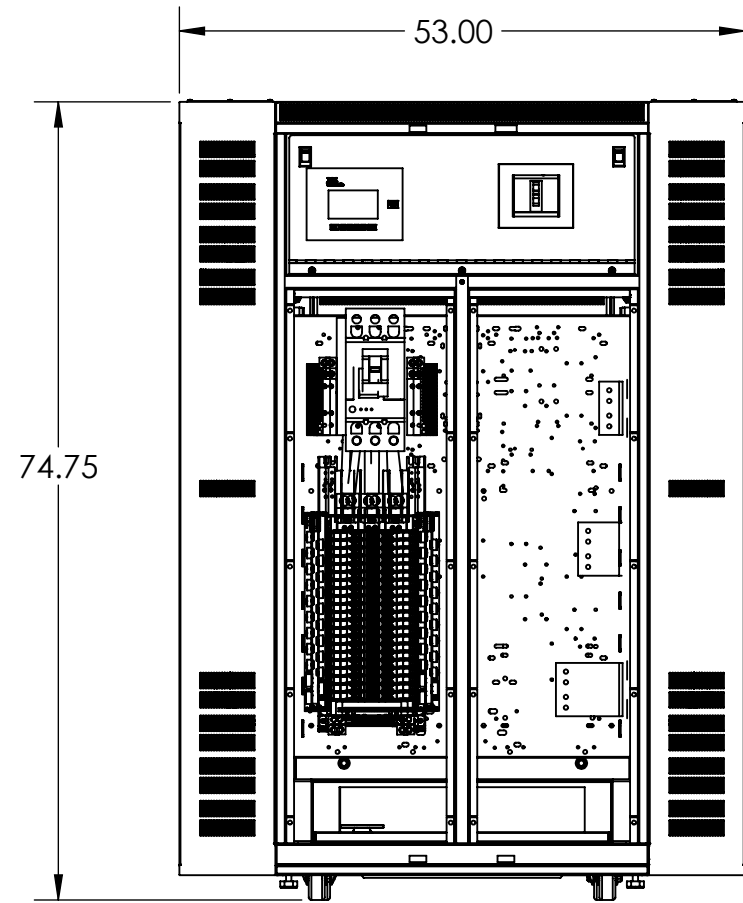
ENVIRONMENTAL:
 OPERATING AMBIENT TEMPERATURE 0°C TO 40°C (32° F TO 104°F)
 RELATIVE HUMIDITY: 0% TO 95 % NON-CONDENSING
 ALTITUDE: 10,000 FT MAX

FOR SD

SIZE B	DWG. NO. DWG11212	REV X1
SCALE: 1:24	PART NO. JOC1232015-SS	SHEET 4 OF 5

LAYOUT OPTION #5

100kVA & 50KkVA , (5) 225A 240V (42P) PANEL BOARD



SIZE B	DWG. NO. DWG11212	REV
SCALE: NTS	SHEET 5 OF 5	