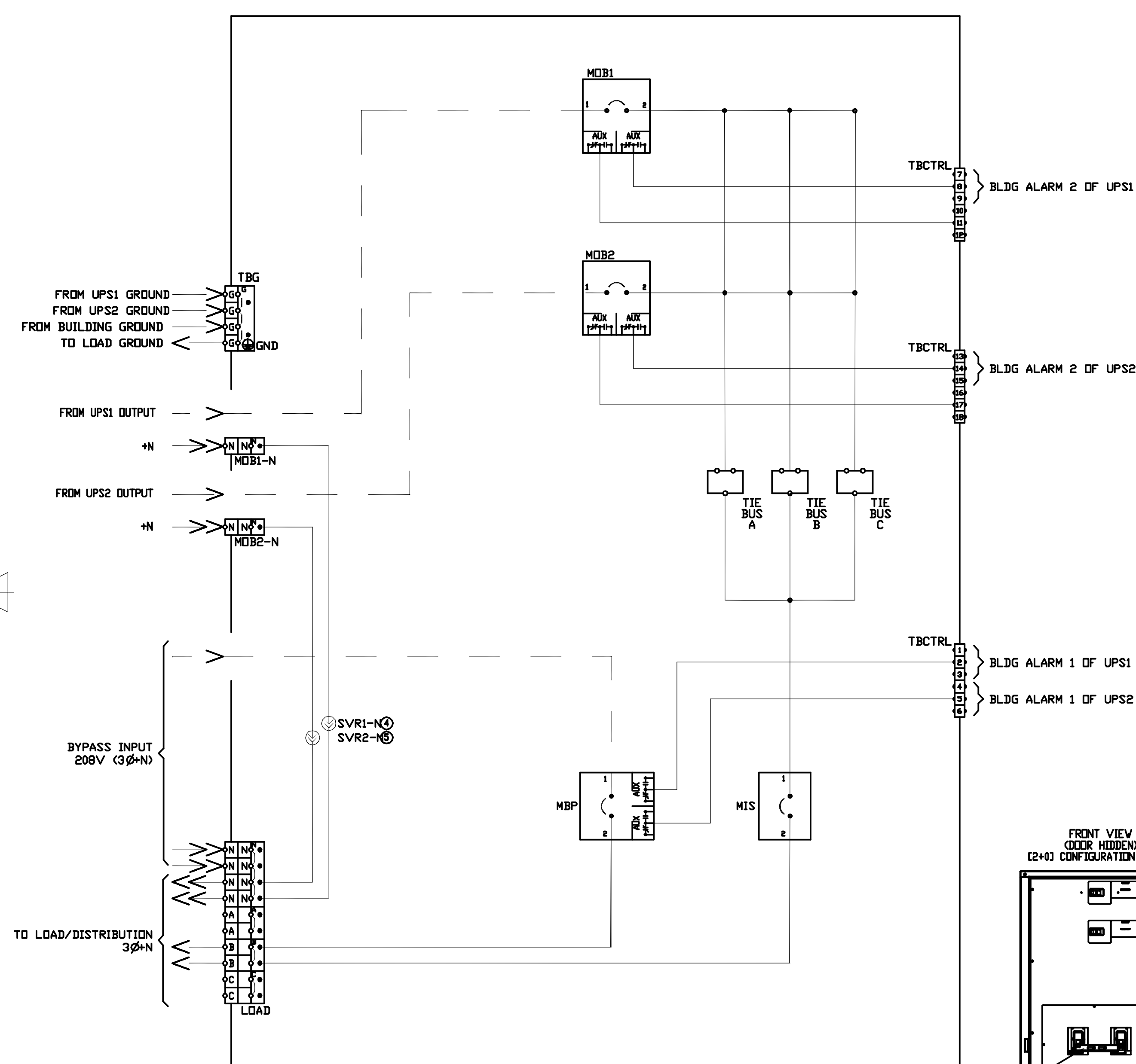
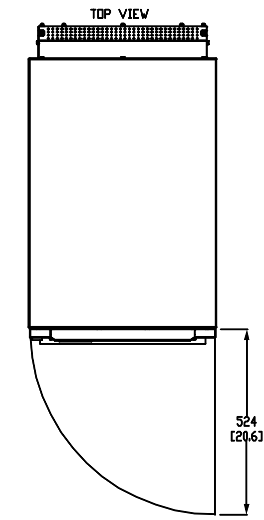
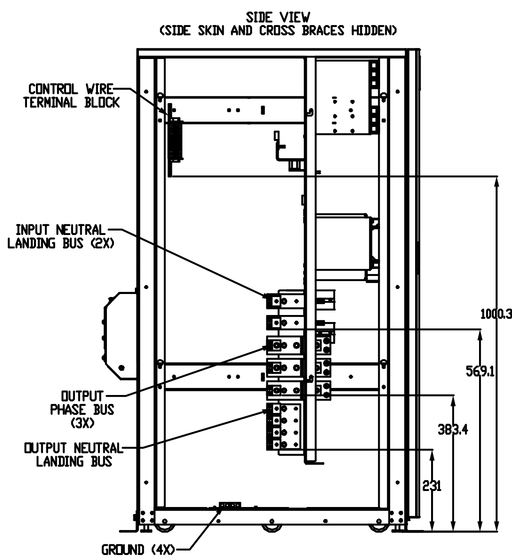
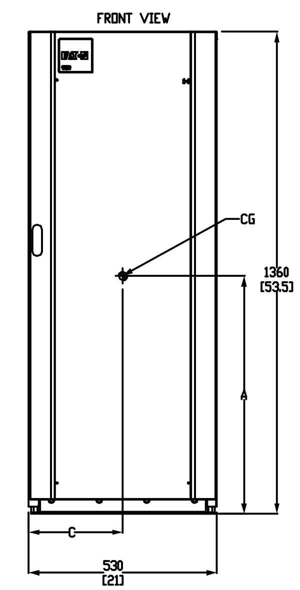
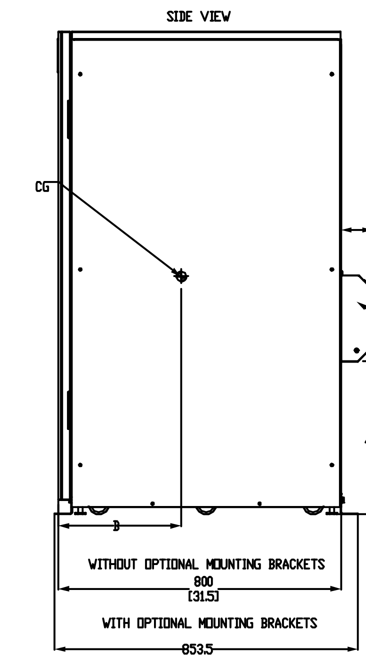
EATON 93E 30IAC-TB [1+1] & [2+0]

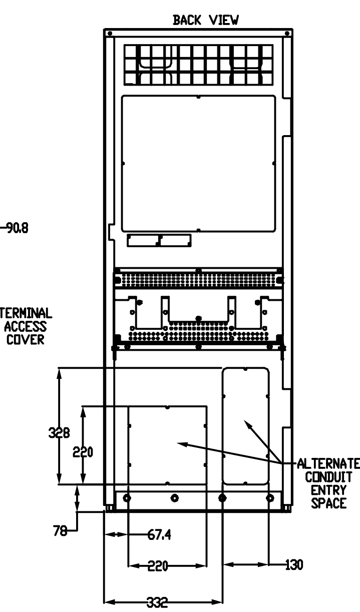


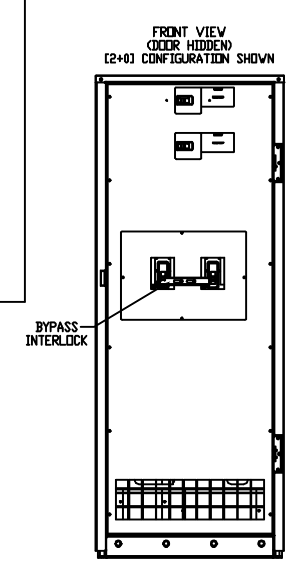


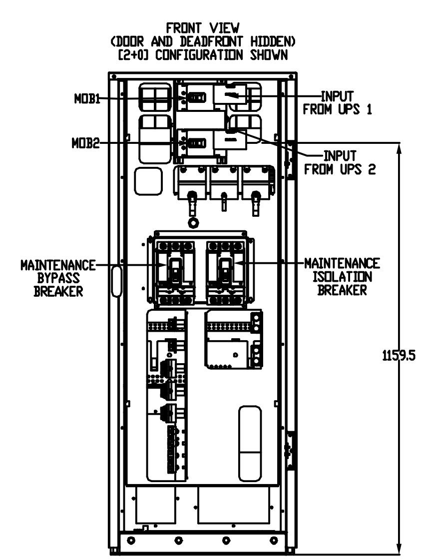


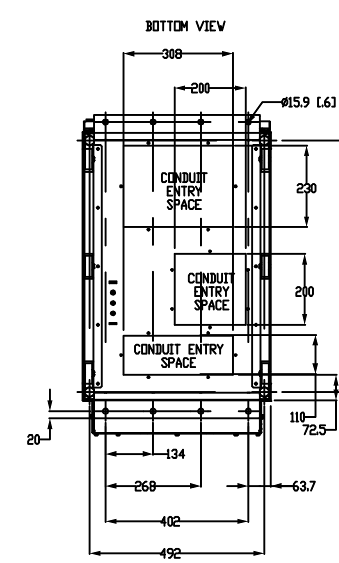












NOTES:
1. FOR OPTIONAL MOUNTING BRACKETS USE SHIPPING BRACKETS.
2. WEIGHT AND CENTER OF GRAVITY: SEE TABLE.
3. THE SYSTEM MUST BE INSTALLED IN A TEMPERATURE AND HUMIDITY CONTROLLED INDOOR AREA FREE OF CONDUCTIVE CONTAMINANTS.
4. AMBIENT TEMPERATURE RANGE 0 - 30° C [32 - 86° F]: MAXIMUM RELATIVE HUMIDITY 95% NON-CONDENSING.
5. MINIMUM 900 MM [36 IN.] FRONT ACCESS AND 900 MM [36 IN.] REAR ACCESS NEEDED FOR SERVICING.
6. MINIMUM 200 MM [8 IN.] CLEARANCE IN FRONT IS NEEDED FOR DOOR SWING.
7. THE ACCESSORY CABINET CAN BE INSTALLED IN A LINE-UP-AND-MATCH OR STANDALONE CONFIGURATION.
8. SHIPPING BRACKETS MUST REMAIN INSTALLED WHEN THE ACCESSORY CABINET IS USED IN A STANDALONE CONFIGURATION. CABINET TIE BRACKETS MUST BE INSTALLED WHEN THE ACCESSORY CABINET IS USED IN A LINE-UP-AND-MATCH CONFIGURATION.
9. BOTTOM OR REAR CABLE ENTRY THROUGH REMOVABLE CONDUIT LANDING PLATES.
10. ALL WIRING IS TO BE IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRIC CODES.
11. SOURCE INPUT TO TIE WITH BYPASS CABINET: 3 PHASES, NEUTRAL, GROUND. OUTPUT FROM TIE WITH BYPASS CABINET: 3 PHASES, NEUTRAL, GROUND.
12. SPECIFICATIONS ARE SUBJECT TO CHANGE.

METRIC	THIRD ANGLE PROJECTION	EATON CORPORATION, ELECTRICAL	SIZE: D
DESCRIPTION: SITE PLAN DRAWING, 93E 30 IAC-TB			
MODIFIED BY: M. Carnes	DATE: 26-AUG-2013	UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS ARE: ANGLES: ±1/2° HOLES: Ø±0.13 DECIMALS: 0.X: ±0.75 0.XX: ±0.25 X. (FOR X < 3): ±1 X. (FOR X > 3): ±2.5 DIMENSIONS ARE IN MILLIMETERS [INCHES] AND AFTER PLATING	SCALE: 1:10 DO NOT SCALE DRAWING OR CHANGE MANUALLY
ECO: ECO-053415	STATE: Release		
PRO-ENGINEER GENERATED	PART NAME: P-110000030	REVISION: 003	SHEET: 1 OF: 2

PRODUCT SPECIFICATIONS							
TIE WITH BYPASS CABINET RATING		AC INPUT VOLTAGE	AC OUTPUT VOLTAGE	RECTIFIER AC INPUT CURRENT	INVERTER AC OUTPUT CURRENT	BYPASS AC INPUT VOLTAGE	BYPASS AC INPUT CURRENT
				NAMEPLATE	NAMEPLATE	NAMEPLATE	NAMEPLATE
KVA	CONFIGURATION	VAC	VAC	AMP	AMP	VAC	AMP
30	[1+1]	208Y/120	208Y/120	83	83	208Y/120	83
30	[2+0]	208Y/120	208Y/120	83	166	208Y/120	166

CUSTOMER WIRING					
WIRES		ACCEPTED WIRE RANGE	TORQUE RATING	RECOMMENDED MINIMUM WIRE SIZE FOR 90 DEG C COPPER STRANDED WIRE	
			N•m (LB.•In)	[1+1] CONFIGURATION	[2+0] CONFIGURATION
UPS OUTPUT PHASE WIRES		14 AWG TO 3/0	5.6 (50)	1/0	1/0
UPS OUTPUT NEUTRAL WIRE		14 AWG TO 1/0	5.6 (50)	(2) 1/0	(2) 1/0
BYPASS PHASE WIRES	[1+1] CONFIGURATION	14 AWG TO 3/0	5.6 (50)	1/0	N/A
	[2+0] CONFIGURATION	4 AWG TO 350 MCM	5.6 (50)	N/A	(2) 1/0
BYPASS NEUTRAL WIRE		14 AWG TO 1/0	5.6 (50)	(2) 1/0	(4) 1/0
OUTPUT PHASE WIRES	[1+1] CONFIGURATION	14 AWG TO 1/0	5.6 (50)	1/0	N/A
	[2+0] CONFIGURATION	14 AWG TO 1/0	5.6 (50)	N/A	(2) 1/0
OUTPUT NEUTRAL WIRE		14 AWG TO 1/0	5.6 (50)	(2) 1/0	(4) 1/0
GROUND WIRE		14 AWG TO 1/0	5.1 (45)	6 AWG	6 AWG
BUILDING GROUND WIRE		14 AWG TO 1/0	5.6 (50)	2 AWG	1/0
LOAD GROUND WIRE		14 AWG TO 1/0	5.6 (50)	2 AWG	1/0

WEIGHT AND CENTER OF GRAVITY				
	A MM [IN.]	B MM [IN.]	C MM [IN.]	WEIGHT KG [LBS.]
[2+0] CONFIGURATION (WORST CASE SCENARIO)	670 [26]	346 [14]	264.7 [10]	148 [326]

METRIC	THIRD ANGLE PROJECTION	EATON CORPORATION, ELECTRICAL	SIZE D
DESCRIPTION: SITE PLAN DRAWING, 93E 30 IAC-TB			
MODIFIED BY: M. Carnes	DATE: 26-AUG-2013	UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS AND ANGLES: ±1/2° DECIMALS: X.X ±0.75, X.XX ±0.25, X.XXX ±0.13, X, OTOR X < 24 ±1, X, OTOR X > 24 ±2.5. DIMENSIONS ARE IN MILLIMETERS UNLESS AND AFTER PLATING	SCALE: 1/40 DO NOT SCALE DRAWING OR CHANGE MANUALLY
ECO: ECO-053415	STATUS: Release		
PRO-ENGINEER GENERATED	PART NUMBER: P-110000030	REVISION: 003	SHEET: 2 OF 2