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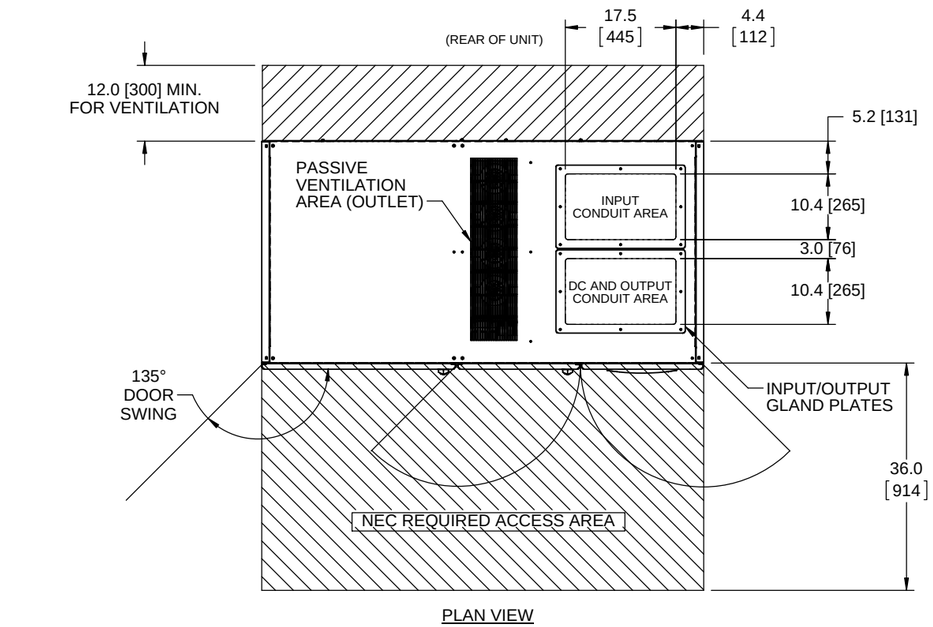
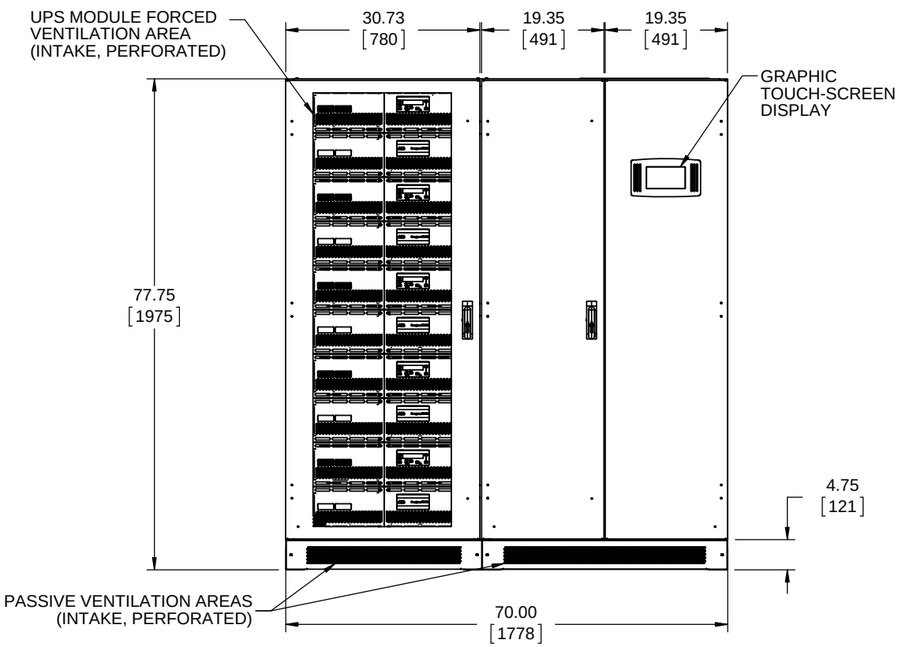
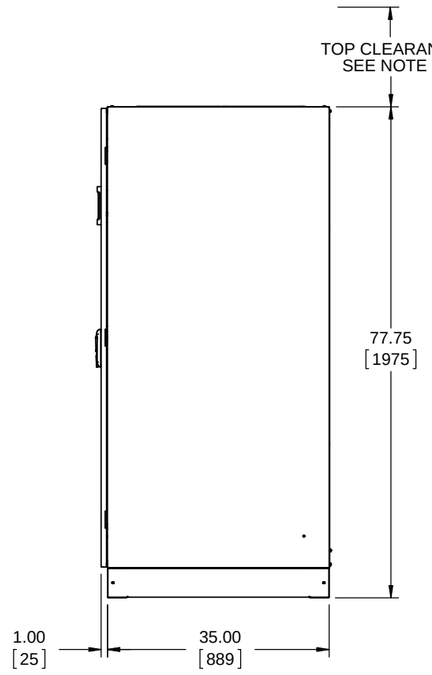


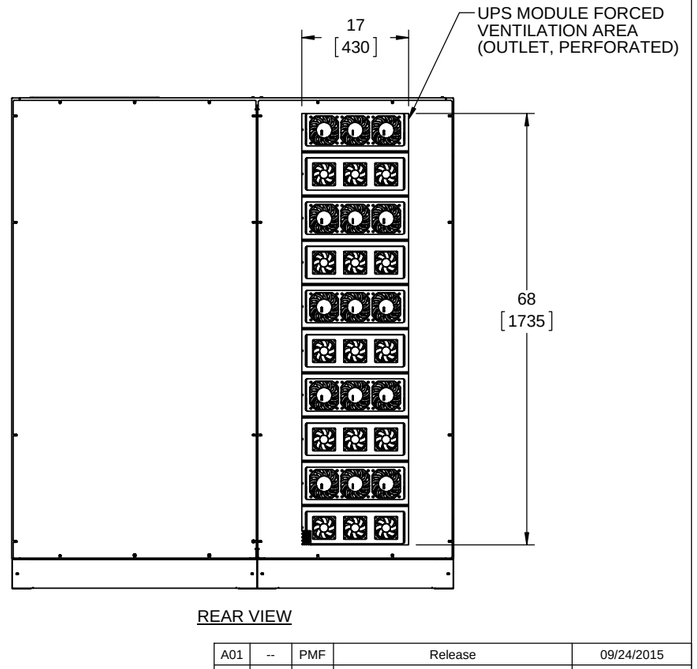
PLAN VIEW



FRONT VIEW



SIDE VIEW



REAR VIEW

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO SITE PREPARATION OR INSTALLATION.
3. CABINET CONSTRUCTION: NEMA 1 (IP20) ENCLOSURE, 14 GA. STEEL FRAME, 16 GA. STEEL PANELS.
4. FINISH: OUTER PANELS, POWDERCOAT, MIDNIGHT BLACK WRINKLE.
   FRAME AND INTERIOR, GALVANIZED ZINC ELECTROPLATE.
5. TOTAL WEIGHT: 2,700 LB (1,225 kg).
6. CABLE ENTRY TOP OR BOTTOM, AS CONFIGURED PER CUSTOMER SPECIFICATION (TOP ENTRY SHOWN).
7. FRONT ACCESS REQUIRED FOR SERVICE AND MAINTENANCE. SIDE AND REAR ACCESS OPTIONAL.
8. MINIMUM 16" [400mm] TOP CLEARANCE REQUIRED FOR VENTILATION, IF THERE IS NO SIDE ACCESS.
9. DO NOT BLOCK VENTILATION AREAS.
10. BUSBAR TERMINALS FURNISHED WITH NEMA 2-HOLE LANDINGS, 1.75" SPACING, 1/2-13 UNC THREAD. SEE SHEET 2 FOR DETAILS.
11. DESIGNED FOR CABLE SIZES UP TO:
    INPUT, OUTPUT: 2X 500 MCM
    DC BATTERY: 3X 500 MCM
12. OPERATING TEMPERATURE: 0 TO 40°C.

Rev.	ECN#	Resp.	Description	Date
A01	--	PMF	Release	09/24/2015

Revision Table

Material: SEE NOTES	Finish: POWDERCOAT - SEE NOTES	Prepared: P. Francis	Title: MECHANICAL OUTLINE Conceptpower DPA500 Decentralized Modular UPS 500kVA, 480VAC, UL Listed	Units: Inch [mm]	Sheet Size: B	Scale: 1:24
Tolerances: N/A		Approved: C. Belcastro		Item ID: 94-9200-00000003	Item Rev.: A01	Date Drawn: 09/24/2015
		Division/Dept.: DMPC/Power Protection	Document Kind: DetailDrawing	Document ID: 94-9200-00000003	Doc. Rev.: A01	Page: 1 / 2

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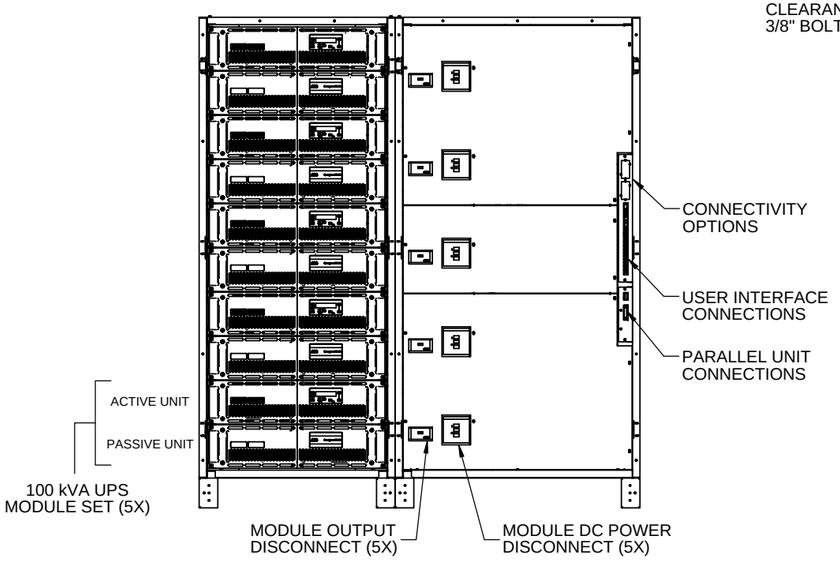
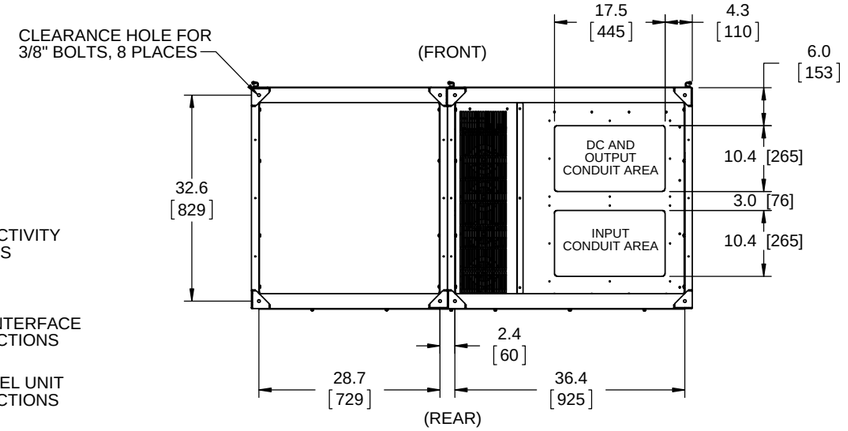


FRONT VIEW
DOORS REMOVED

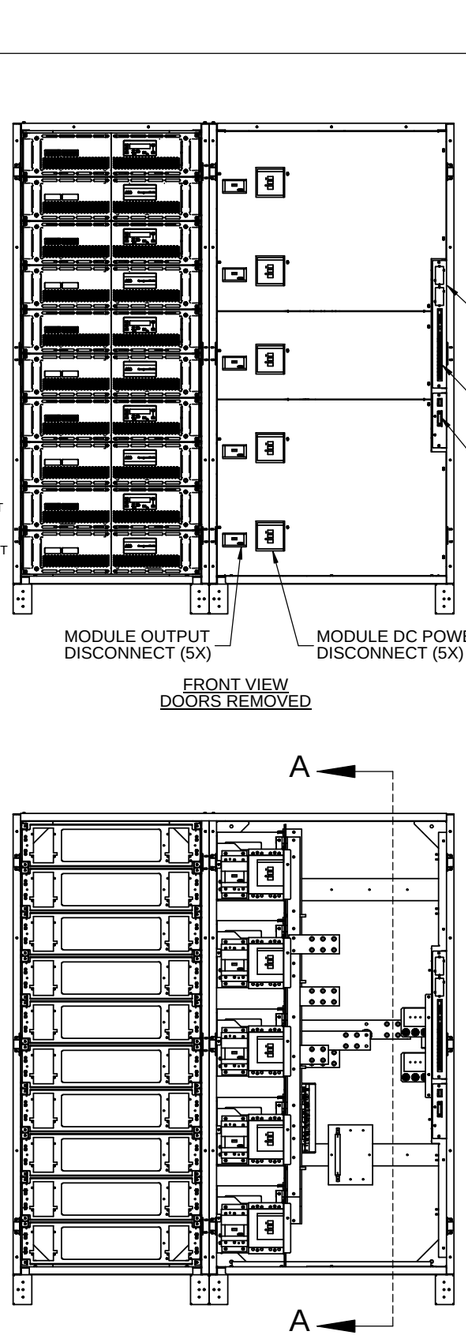


BOTTOM VIEW
FLOOR BRACING DETAIL
AND CONDUIT ENTRY

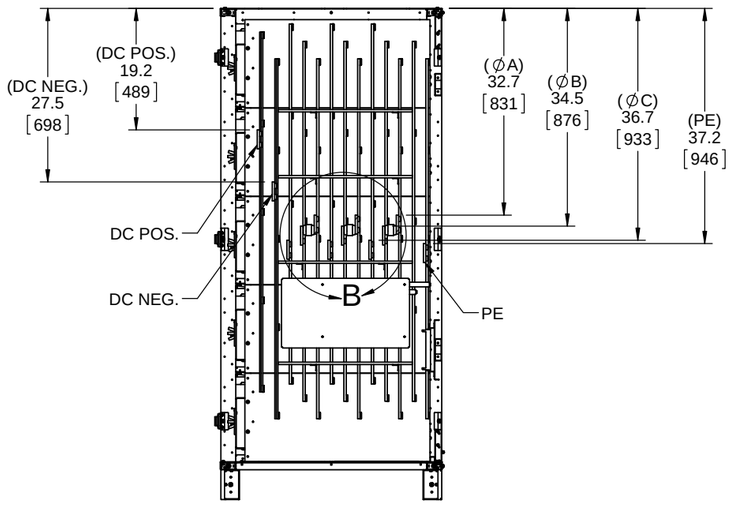
NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO SITE PREPARATION OR INSTALLATION.
3. BOTTOM FEED TERMINAL DISTANCES FROM BOTTOM PAN:

∅ A	31.7 [804]
∅ B	33.4 [848]
∅ C	35.1 [892]
PE	34.1 [867]
DC POS	19.9 [505]
DC NEG	27.1 [688]

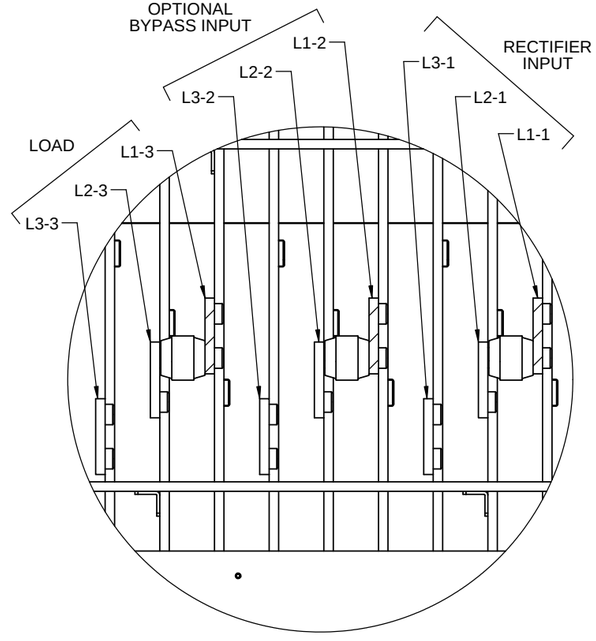


FRONT VIEW
DEAD FRONT PANELS
AND MODULES REMOVED



SECTION A-A

(TOP FEED EXAMPLE)
(SEE NOTE 3)



DETAIL B
SCALE 1 : 6

Material: See Notes, Sheet 1	Finish: See Sheet 1	Prepared: P. Francis	Title: MECHANICAL OUTLINE Conceptpower DPA500 Decentralized Modular UPS 500kVA, 480VAC, UL Listed		Units: Inch [mm]	Sheet Size: B	Scale: 1:24
Tolerances: N/A		Approved: C. Belcastro			Item ID: 94-9200-00000003	Item Rev.: A00	Date Drawn: 08/06/2015
		Division/Dept.: DMPC/Power Protection	ABB	Document Kind: DetailDrawing	Document ID: 94-9200-00000003	Doc. Rev.: A01	Page: 2 / 2