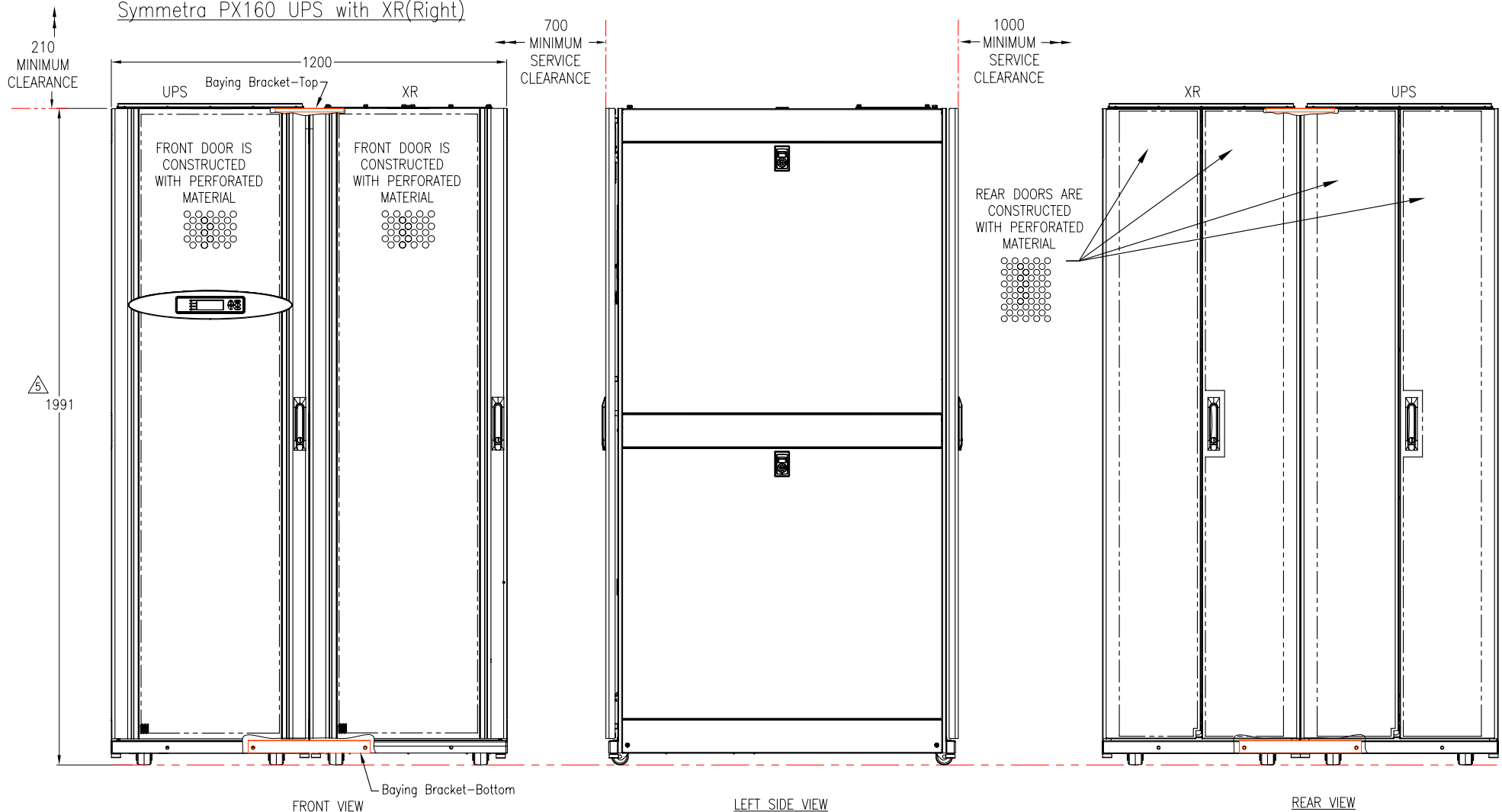


Symmetra PX160 UPS with XR(Right)

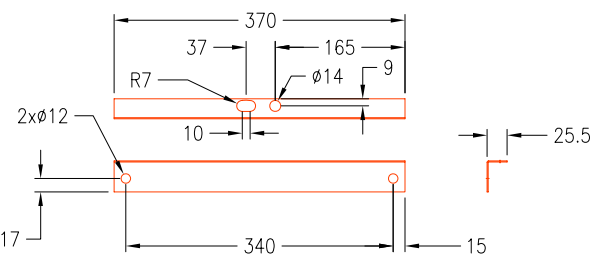


FRONT VIEW

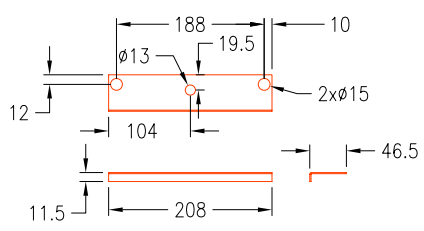
LEFT SIDE VIEW

REAR VIEW

Baying Bracket-Bottom
(PDU-XR OR XR-UPS)



Baying Bracket-Top
(PDU-XR OR XR TO UPS)



NOTES:

- PLEASE REFER TO APC PRODUCT MANUAL.
 - ALL DIMENSIONS ARE IN MILLIMETERS.
 - CABLE ENTRY DETAILS: TOP OR BOTTOM OF THE UNIT
 - WEIGHT DETAILS :
- | RATING | 32kW | 64kW | 96kW |
|--------|---------|---------|---------|
| WEIGHT | 1029 kg | 1389 kg | 1748 kg |
- MAXIMUM HEIGHT OF THE UPS UNIT IS 2011mm AND THE XR UNIT IS 1996mm (INCLUDES TOP ACCESSORIES, BOLTS AND NUTS THAT ARE MOUNTED ON TOP OF THE UNIT).
 - MAXIMUM 4 BATTERY ENCLOSURES MAY BE USED WITH THE SYSTEM.
 - INSTALLATION MUST COMPLY ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.

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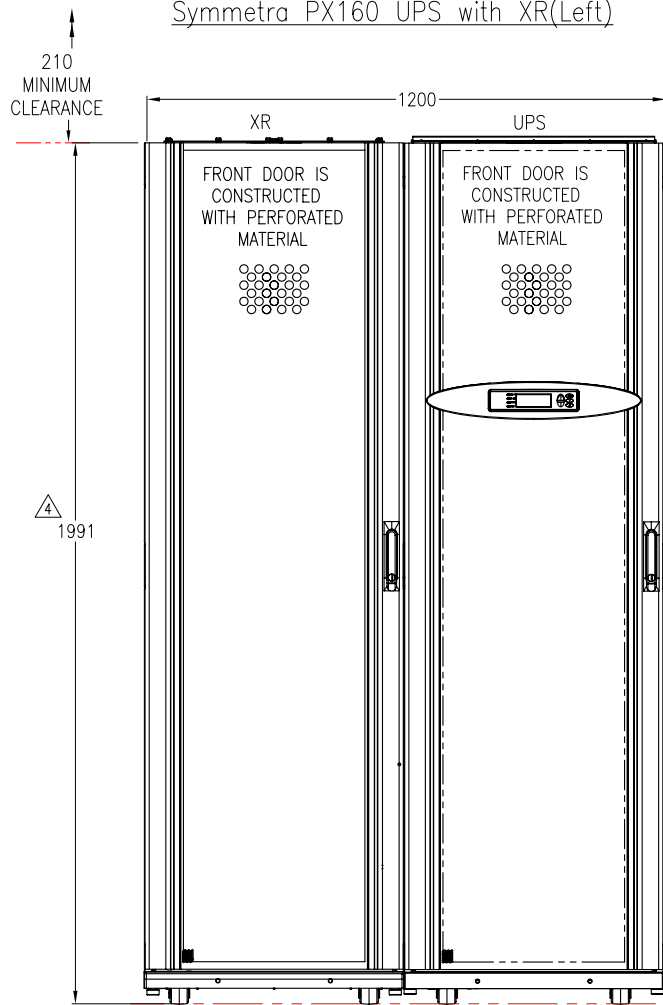


TITLE: SYMMETRA PX160
32kW SCALABLE TO 96kW, 400V, 3PH
WITH XR CABINET
MECHANICAL LAYOUT-1
PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 5

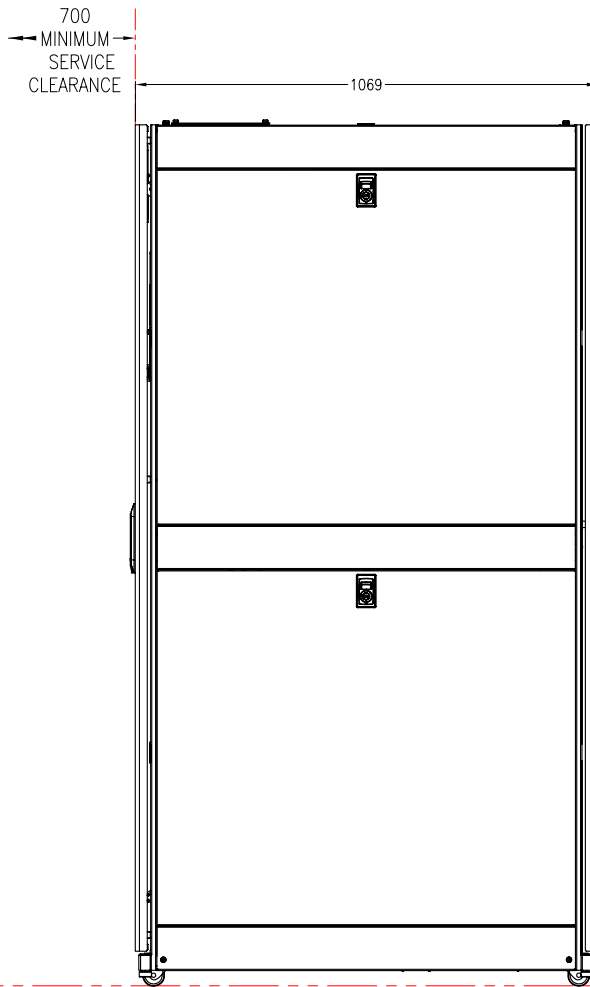
DWG NO: SY32K96H-MM1
DRAWN: K.NAGENDRA 19-NOV-07
ENGINEER: P.BONDE/S.LEE 04-DEC-07
APPROVED: C.LARSEN/S.WAGH/E.SILVA 04-DEC-07

REV: 0
FIRST ANGLE PROJECTION

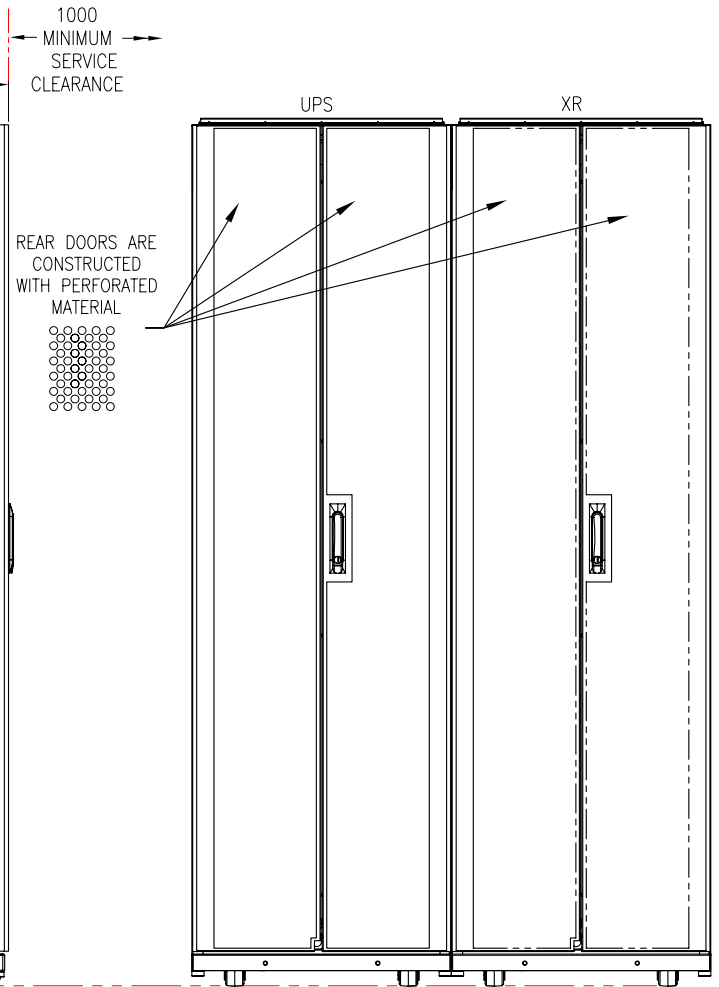
Symmetra PX160 UPS with XR(Left)



FRONT VIEW

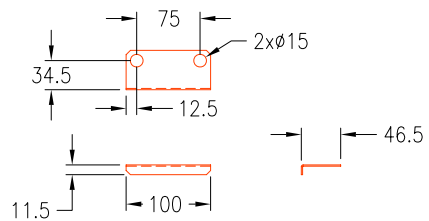


LEFT SIDE VIEW



REAR VIEW

Baying Bracket-Top
(XR TO XR)



NOTES:

1. PLEASE REFER TO APC PRODUCT MANUAL.
2. ALL DIMENSIONS ARE IN MILLIMETERS.
3. CABLE ENTRY DETAILS: TOP OR BOTTOM OF THE UNIT.
- △ 4. MAXIMUM HEIGHT OF THE UPS UNIT IS 2011mm AND THE XR UNIT IS 1996mm (INCLUDES TOP ACCESSORIES, BOLTS AND NUTS THAT ARE MOUNTED ON TOP OF THE UNIT).
5. MAXIMUM 4 BATTERY ENCLOSURES MAY BE USED WITH THE SYSTEM.
6. INSTALLATION MUST COMPLY ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS.

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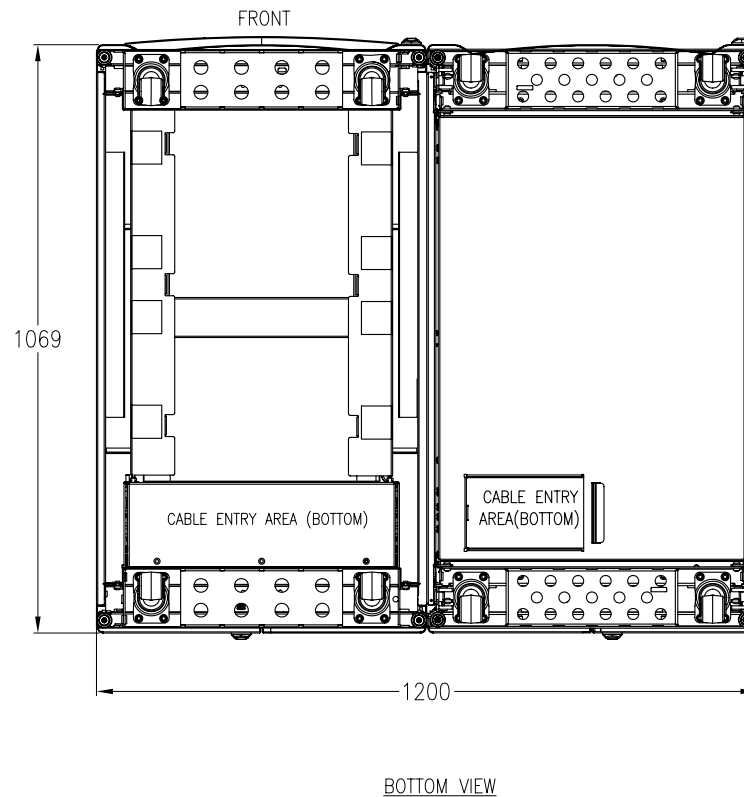
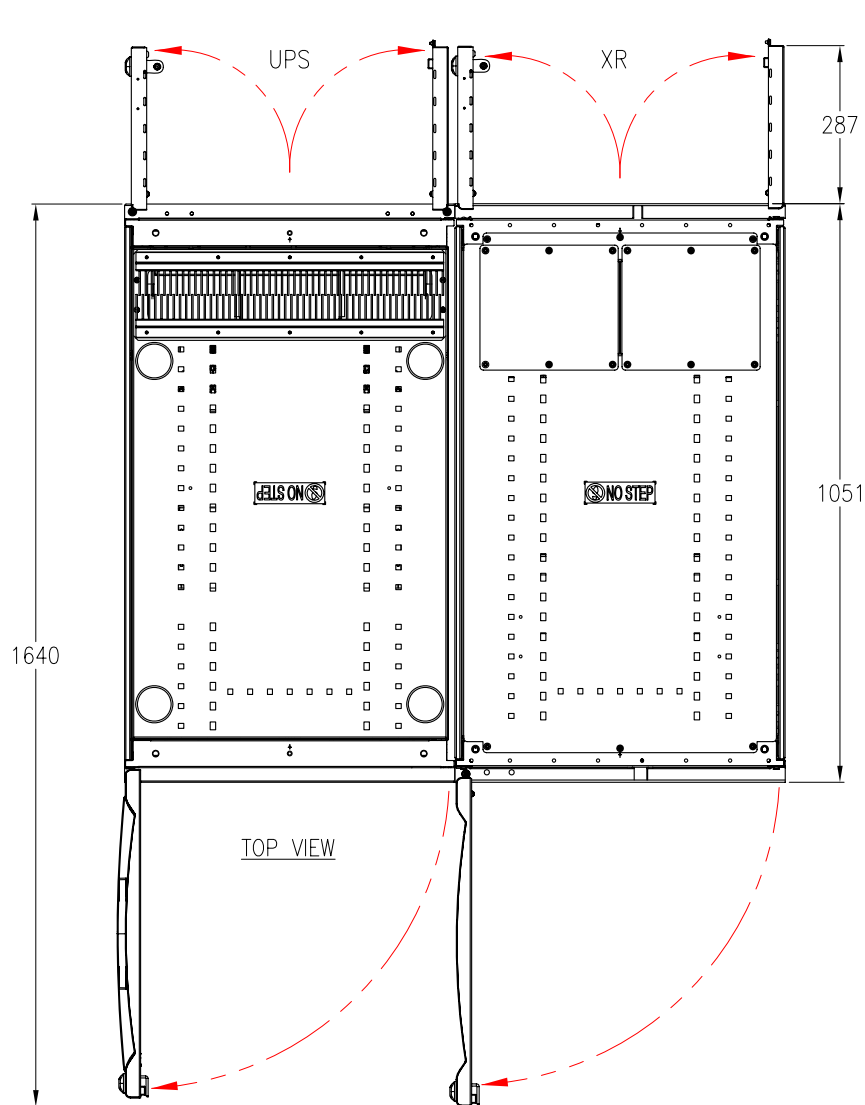


TITLE:
SYMMETRA PX160
32kW SCALABLE TO 96kW, 400V, 3PH
WITH XR CABINET
MECHANICAL LAYOUT-2
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 5

DWG NO: SY32K96H-MM2
DRAWN: K.NAGENDRA 19-NOV-07
ENGINEER: P.BONDE/S.LEE 04-DEC-07
APPROVED: C.LARSEN/S.WAGH/E.SILVA 04-DEC-07

REV: 0
FIRST ANGLE PROJECTION

Symmetra PX160 UPS with XR(Right)



NOTES:

1. PLEASE REFER TO APC PRODUCT MANUAL.
2. ALL DIMENSIONS ARE IN MILLIMETERS.
3. FOR TOP OR BOTTOM CABLE ENTRY REMOVE TOP OR BOTTOM CONDUIT PLATE, DRILL OR PUNCH HOLES WITHIN PROVIDED CABLE ENTRY AREA. REFIT COVER AND INSTALL CONDUITS.
4. INSTALLATION MUST COMPLY ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS

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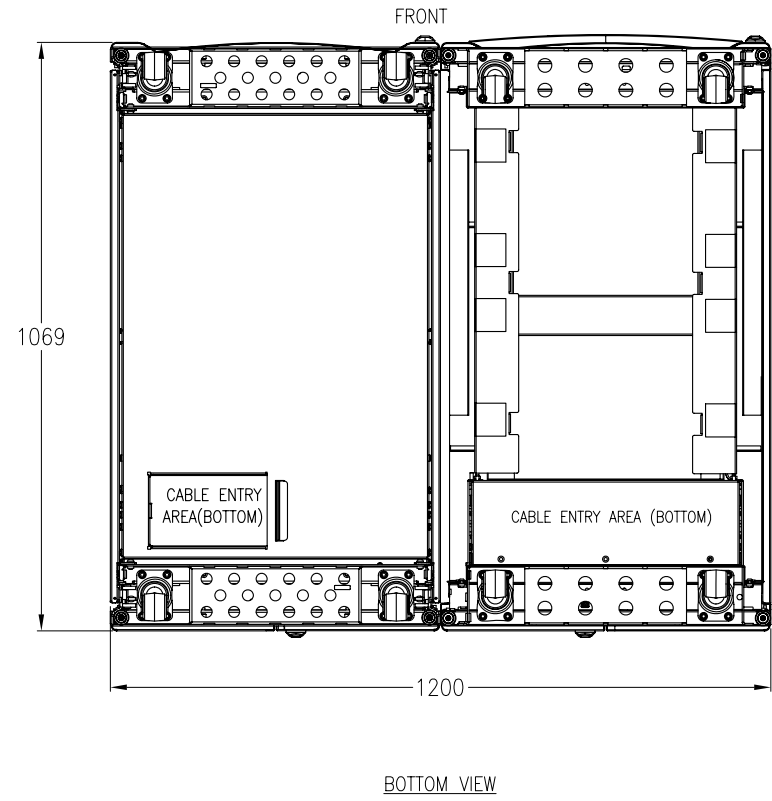
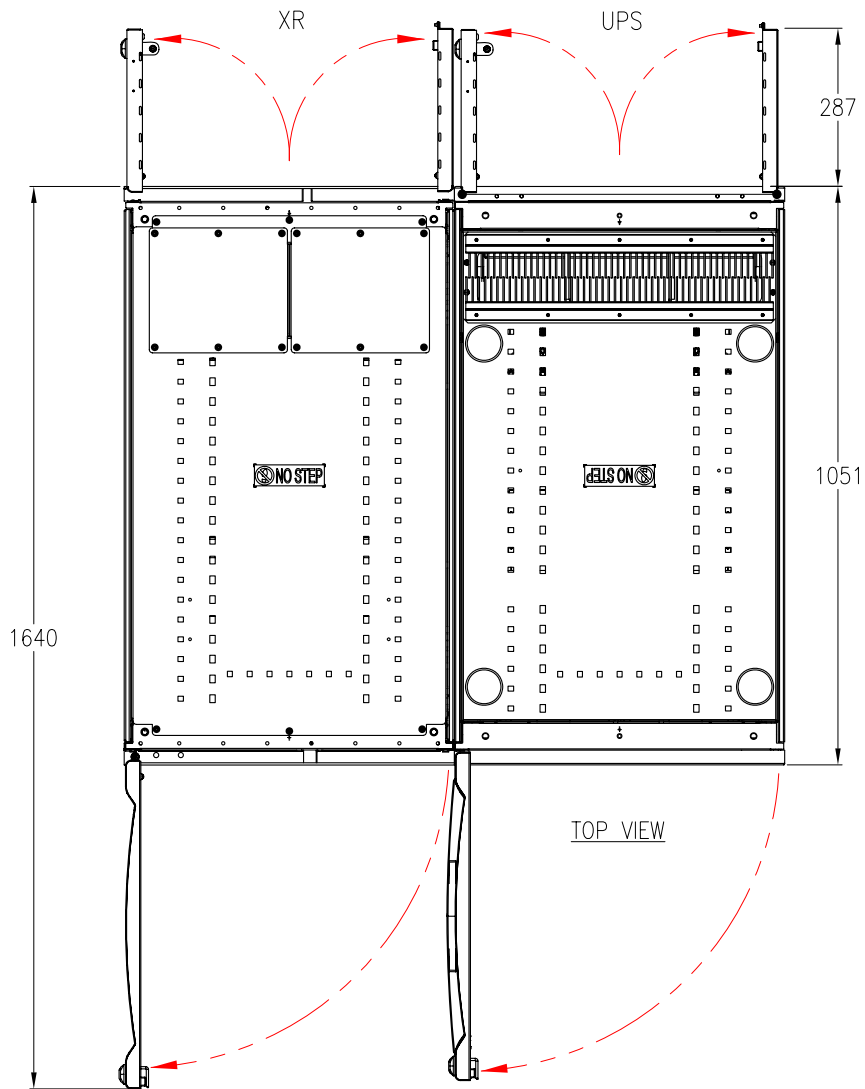


TITLE:
 SYMMETRA PX160
 32kW SCALABLE TO 96kW, 400V, 3PH
 WITH XR CABINET
 TOP AND BOTTOM VIEWS-1
 PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 5

DWG NO: SY32K96H-MM3
 DRAWN: K.NAGENDRA
 ENGINEER: P.BONDE/S.LEE
 APPROVED: C.LARSEN/S.WAGH/E.SILVA

REV: 0
 19-NOV-07
 04-DEC-07
 04-DEC-07
 FIRST ANGLE PROJECTION

Symmetra PX160 UPS with XR(Left)



NOTES:

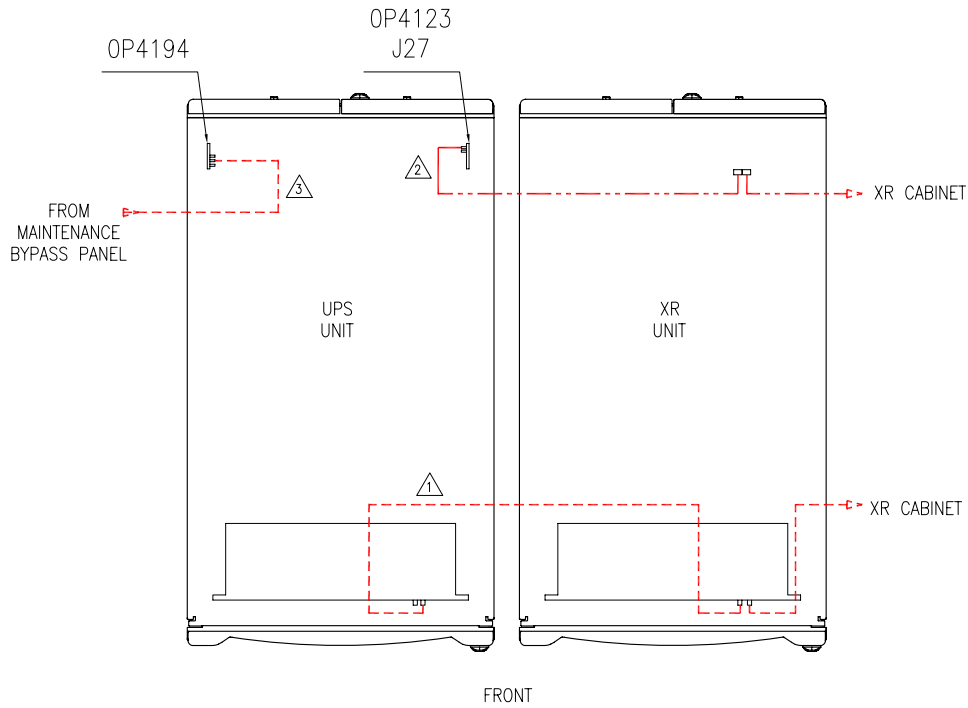
1. PLEASE REFER TO APC PRODUCT MANUAL.
2. ALL DIMENSIONS ARE IN MILLIMETERS.
3. FOR TOP OR BOTTOM CABLE ENTRY REMOVE TOP OR BOTTOM CONDUIT PLATE, DRILL OR PUNCH HOLES WITHIN PROVIDED CABLE ENTRY AREA. REFIT COVER AND INSTALL CONDUITS.
4. INSTALLATION MUST COMPLY ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS

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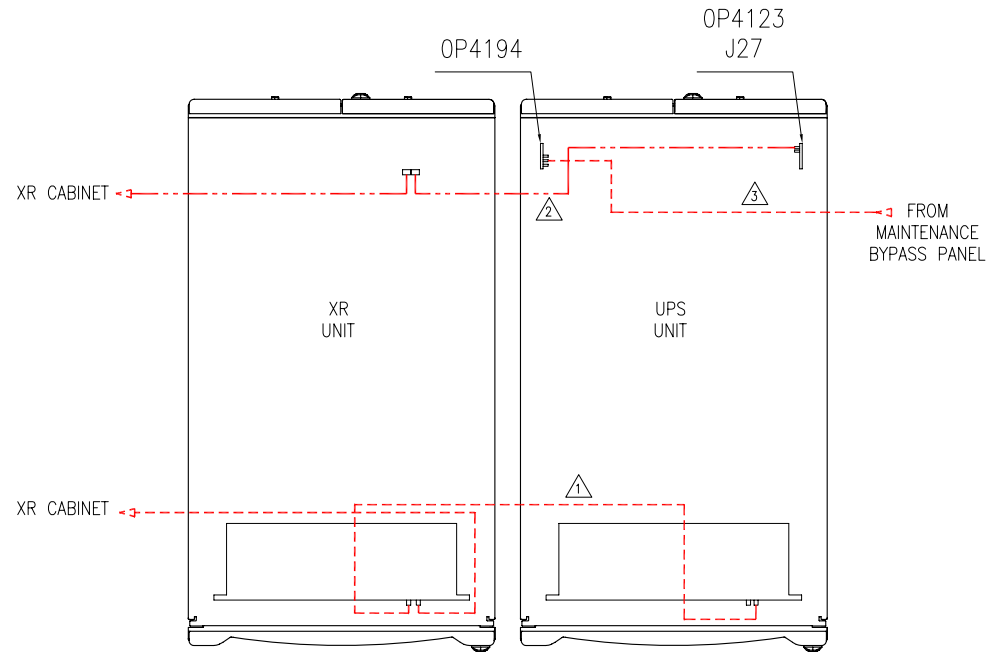


TITLE: SYMMETRA PX160 32kW SCALABLE TO 96kW, 400V, 3PH WITH XR CABINET TOP AND BOTTOM VIEWS-2		DWG NO: SY32K96H-MM4		REV: 0
PROJECT: SUBMITTAL DRAWINGS		DRAWN: K.NAGENDRA	19-NOV-07	FIRST ANGLE PROJECTION
SHEET 4 OF 5		ENGINEER: P.BONDE/S.LEE	04-DEC-07	
		APPROVED: C.LARSEN/S.WAGH/E.SILVA	04-DEC-07	

COMMUNICATION CABLES IN INSTALLATION
UPS WITH XR (RIGHT)



COMMUNICATION CABLES IN INSTALLATION
UPS WITH XR (LEFT)



LEGENDS:

- EPO CONNECTIONS
- COMMUNICATION CABLES

- △1 COMMUNICATION CABLE FROM THE LAST XR BATTERY ENCLOSURE IN THE ROW TO THE UPS I/O PORT 2.
- △2 BATTERY TRIP CABLE FROM XR BATTERY ENCLOSURE TO THE J27 CONNECTOR OF EPO/ANCILLARY INTERFACE BOARD (OP4123).
- △3 COMMUNICATION CABLE FROM MAINTENANCE BYPASS PANEL TO THE MAINTENANCE BYPASS INTERFACE BOARD (OP4194).

NOTES:

1. PLEASE REFER TO APC PRODUCT MANUAL.
2. INSTALLATION MUST COMPLY ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL REGULATIONS

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TITLE: SYMMETRA PX160 32kW SCALABLE TO 96kW, 400V, 3PH WITH XR CABINET WIRING DETAILS		DWG NO: SY32K96H-ME1		REV: 0
PROJECT: SUBMITTAL DRAWINGS		DRAWN: K.NAGENDRA	19-NOV-07	FIRST ANGLE PROJECTION
SHEET 5 OF 5		ENGINEER: P.BONDE/S.LEE	04-DEC-07	
		APPROVED: C.LARSEN/S.WAGH/E.SILVA	04-DEC-07	