

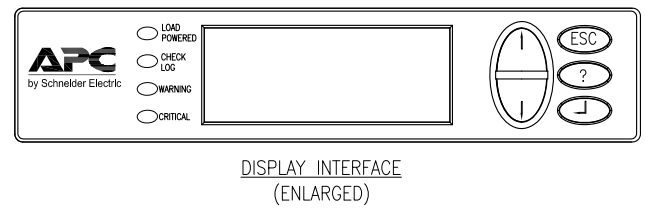
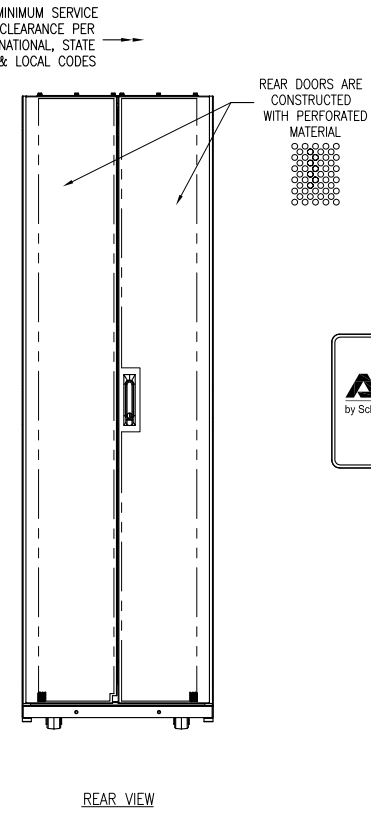
**NOTES:**

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS.
  3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  4. CABLE ENTRY DETAILS:
    - a) INSTALLATION WITH PDU – LEFT AND RIGHT SIDES OF THE UNIT.
    - b) INSTALLATION WITHOUT PDU – TOP OR BOTTOM OF THE UNIT.
- △ 5. BOTTOM CABLE ENTRY IS APPLICABLE ONLY FOR SYSTEMS INSTALLED IN A RAISED FLOOR.

△ 5. NET WEIGHT AND COG DETAILS:

| UPS RATING | NUMBER OF POWER MODULES | NUMBER OF BLANKING PLATES | TOTAL WEIGHT IN LBS [KG] | CENTER OF GRAVITY WITH PMS IN INCHES [MM] |              |             | CENTER OF GRAVITY WITHOUT PMS IN INCHES [MM] |             |             |
|------------|-------------------------|---------------------------|--------------------------|---|--------------|-------------|--|-------------|-------------|
|            |                         |                           |                          | X DISTANCE                                | Y DISTANCE   | Z DISTANCE  | X DISTANCE                                   | Y DISTANCE  | Z DISTANCE  |
| 100KW      | 10                      | NA                        | 1302 [591]               | 11.57 [294]                               | 42.76 [1086] | 17.52 [445] | 11.38 [289]                                  | 38.11 [968] | 20.39 [518] |
| 90KW       | 9                       | 1                         | 1247 [566]               | 11.57 [294]                               | 41.38 [1051] | 17.68 [449] |  |             |             |
| 80KW       | 8                       | 2                         | 1192 [541]               | 11.54 [293]                               | 40.16 [1020] | 17.87 [454] |  |             |             |
| 70KW       | 7                       | 3                         | 1137 [516]               | 11.54 [293]                               | 39.09 [993]  | 18.07 [459] |  |             |             |
| 60KW       | 6                       | 4                         | 1082 [491]               | 11.54 [293]                               | 38.15 [969]  | 18.31 [465] |  |             |             |
| 50KW       | 5                       | 5                         | 1027 [466]               | 11.50 [292]                               | 37.48 [952]  | 18.54 [471] |  |             |             |
| 40KW       | 4                       | 6                         | 972 [441]                | 11.50 [292]                               | 36.93 [938]  | 18.86 [479] |  |             |             |
| 30KW       | 3                       | 7                         | 917 [416]                | 11.46 [291]                               | 36.69 [932]  | 19.17 [487] |  |             |             |
| 20KW       | 2                       | 8                         | 862 [391]                | 11.46 [291]                               | 36.73 [933]  | 19.53 [496] |  |             |             |
| 10KW       | 1                       | 9                         | 807 [366]                | 11.42 [290]                               | 37.20 [945]  | 19.92 [506] |  |             |             |

6. MINIMUM OF 40 INCHES [1000mm] FRONT AND 36 INCHES [900mm] REAR SERVICE CLEARANCE IS RECOMMENDED.
- △ 7. MAXIMUM HEIGHT OF THE UNIT INCLUDES TOP PROTRUSIONS AND CAPTIVE FASTENERS.



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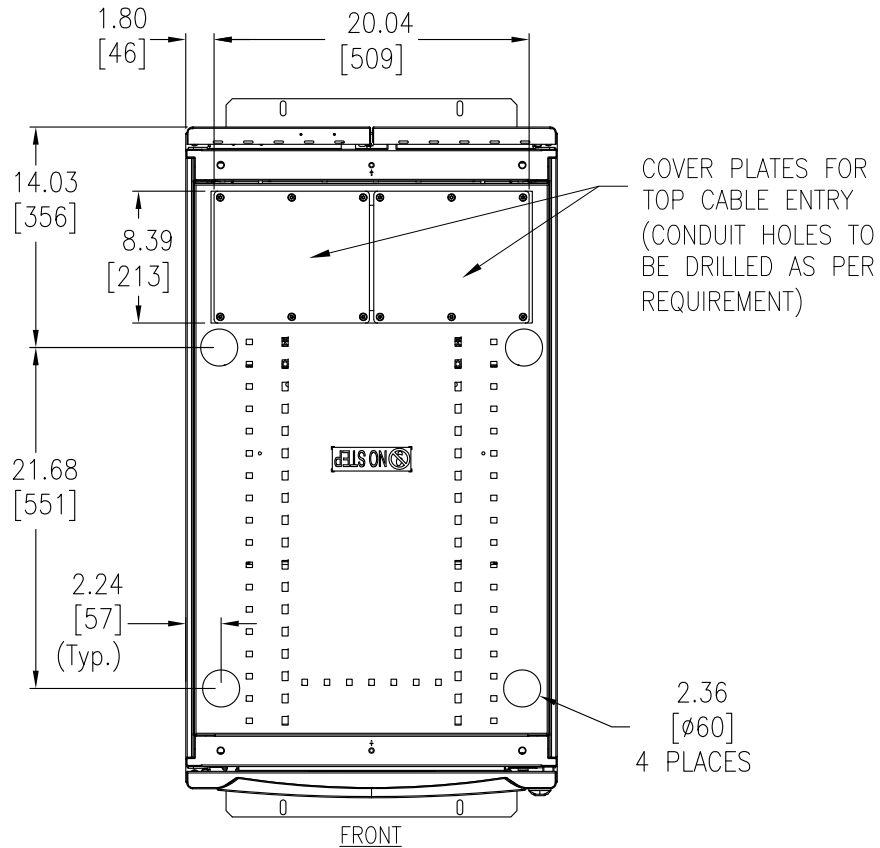


TITLE:  
 SYMMETRA PX100  
 INPUT: 208V, 3PH  
 OUTPUT: 208V, 3PH, SCALABLE TO 100kW  
 MAIN MECHANICAL

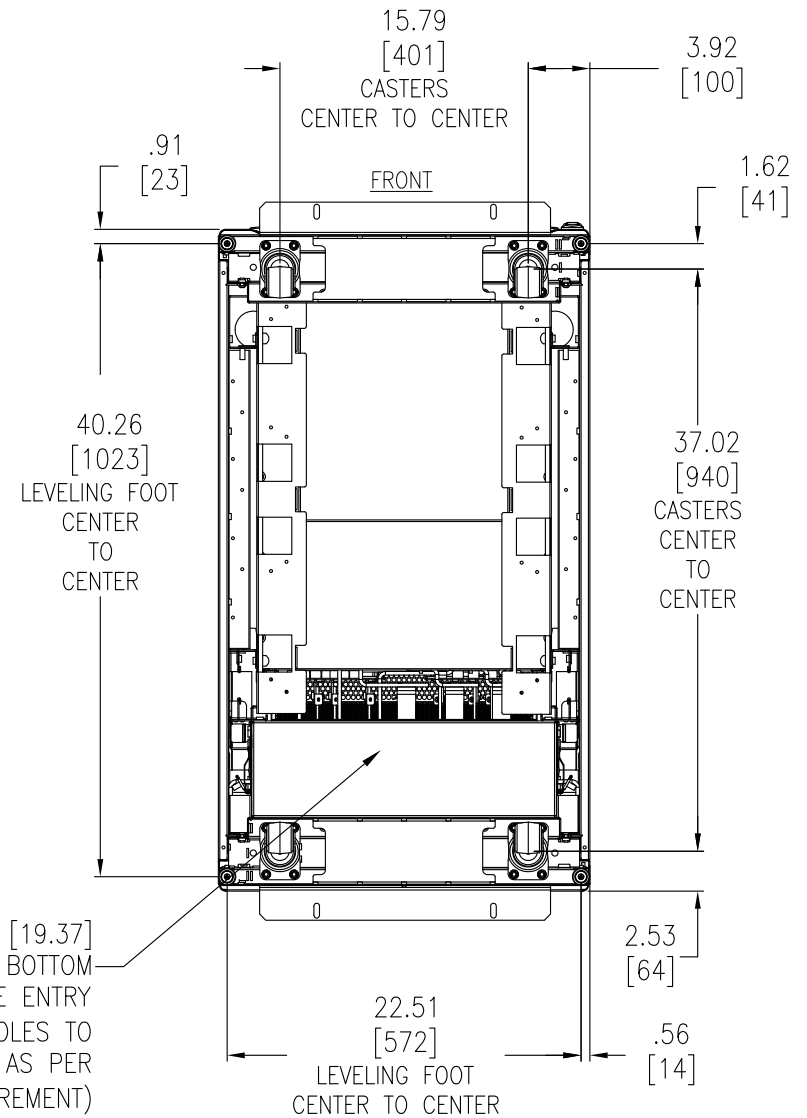
PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 7

DWG NO: SY100K100F REV. 1

|                                 |           |             |
|---------------------------------|-----------|-------------|
| DRAWN BY: JAYAPRAKASH/S CUNHA   | 14-MAY-13 | THIRD ANGLE |
| ENGINEER: CFF/JS/K SILBERBAUER  | 14-MAY-13 | PROJECTION  |
| APPROVED BY: B.SHERIDAN/F.DIOSA | 18-JUN-10 |             |



TOP VIEW  
(WITH FLOOR ANCHORING BRACKET)



BOTTOM VIEW  
(WITH FLOOR ANCHORING BRACKET)

NOTES:

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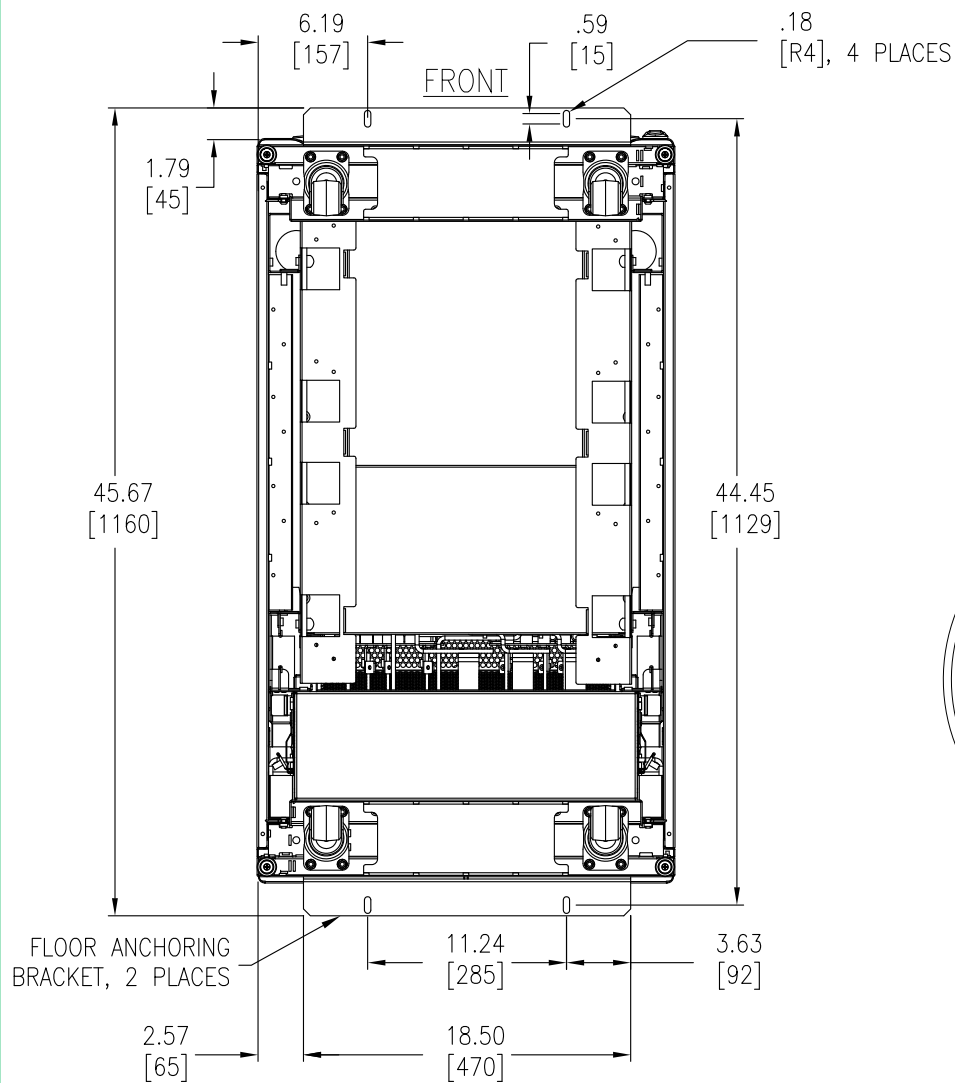
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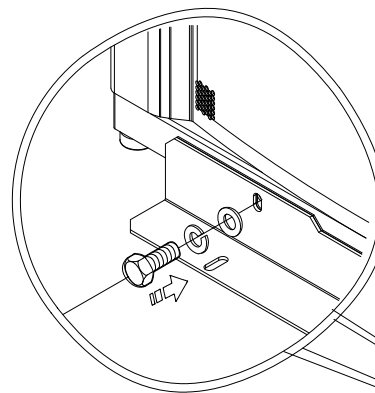
TITLE:  
SYMMETRA PX100  
INPUT: 208V, 3PH  
OUTPUT: 208V, 3PH, SCALABLE TO 100kW  
TOP & BOTTOM VIEWS  
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 7

DWG NO: SY100K100F  
DRAWN BY: JAYAPRAKASH 03-MAY-10  
ENGINEER: K.S/C.F.P./J.S 18-JUN-10  
APPROVED BY: B.SHERIDAN/F.DIOSA 18-JUN-10

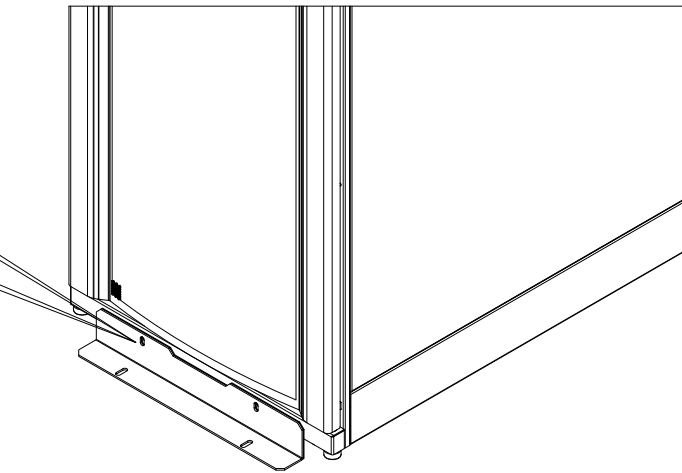
REV. 0  
THIRD ANGLE  
PROJECTION



**BOTTOM VIEW**  
(WITH FLOOR ANCHORING BRACKET)



**ENLARGED VIEW**



**ISOMETRIC VIEW**  
(FLOOR ANCHORING BRACKET MOUNTING DETAILS)

**NOTES:**

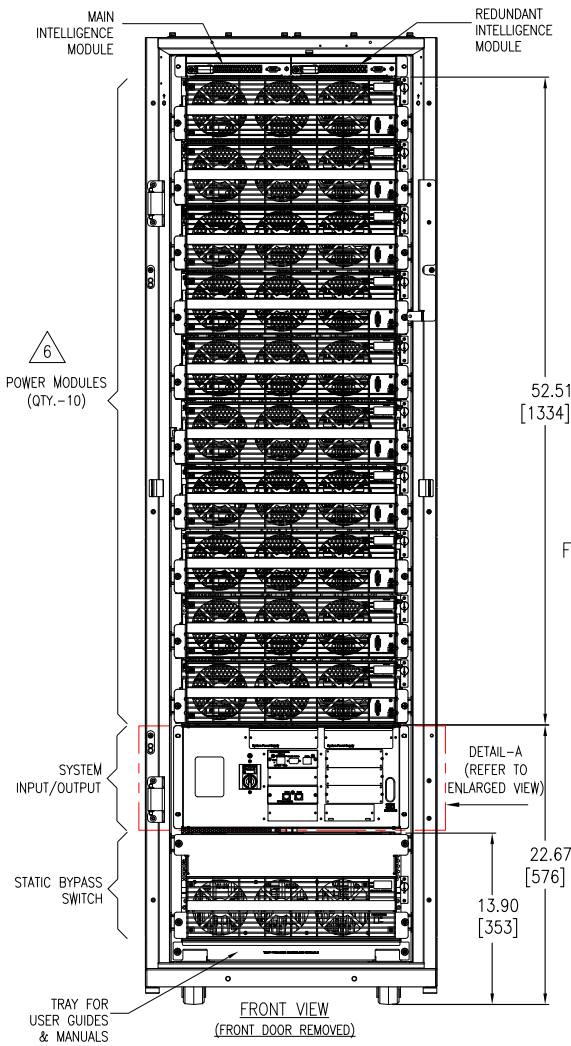
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2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
4. TO STABILIZE ENCLOSURE IN THE FIELD, USE INCLUDED ANCHORING BRACKETS. ATTACH THE BRACKETS TO THE UNIT AS SHOWN. USE CODE COMPLIANT FASTENERS TO SECURE THE UNIT TO THE FLOOR.

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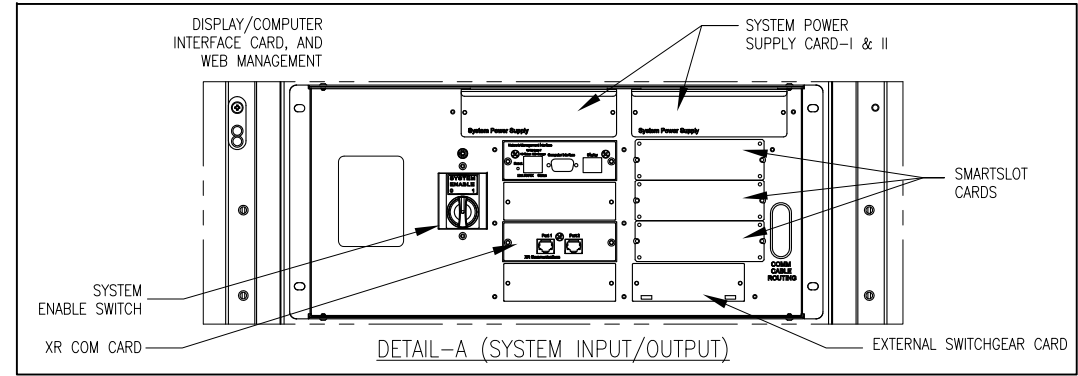
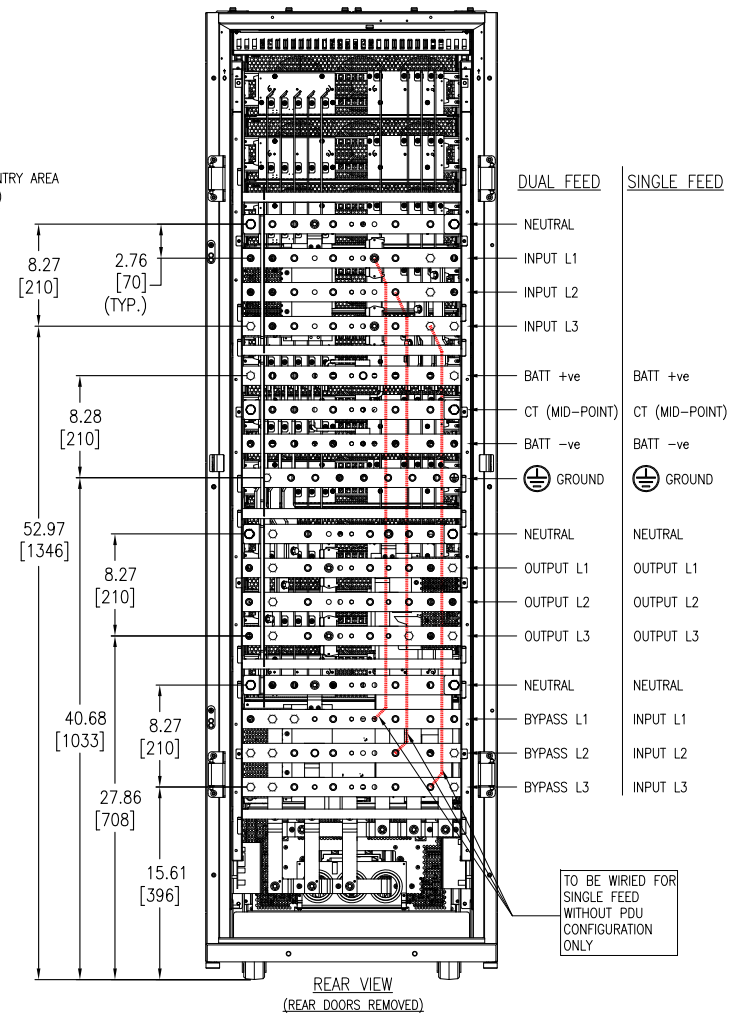
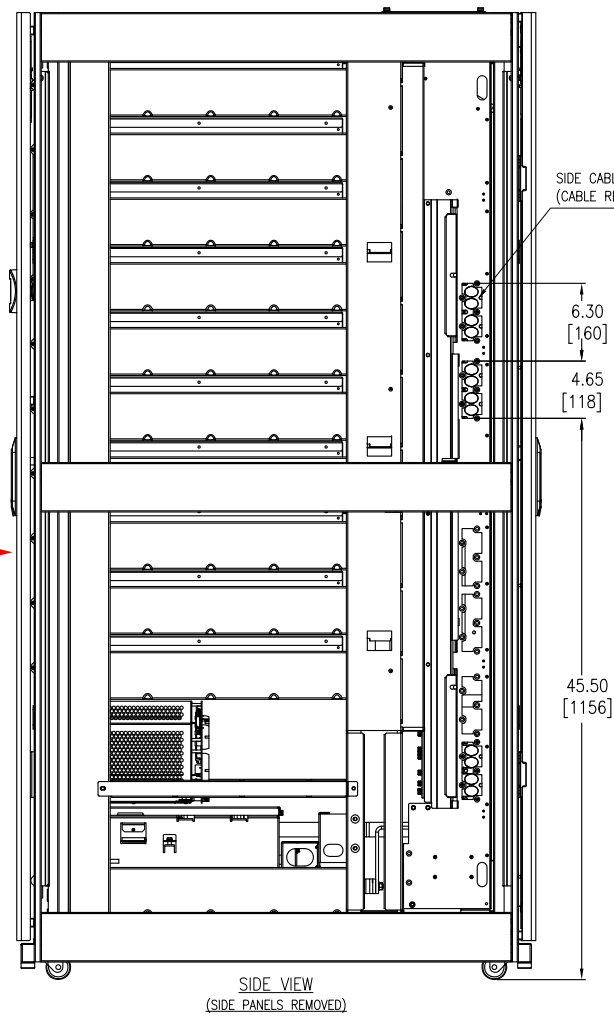


**TITLE:**  
SYMMETRA PX100  
INPUT: 208V, 3PH  
OUTPUT: 208V, 3PH, SCALABLE TO 100kW  
ANCHORING DETAILS  
**PROJECT:** SUBMITTAL DRAWINGS **SHEET** 3 OF 7

|                     |                    |             |            |
|---------------------|--------------------|-------------|------------|
| <b>DWG NO:</b>      | SY100K100F         | <b>REV.</b> | 0          |
| <b>DRAWN BY:</b>    | JAYAPRAKASH        | 03-MAY-10   | THIRD      |
| <b>ENGINEER:</b>    | K.S/C.F.P./J.S     | 18-JUN-10   | ANGLE      |
| <b>APPROVED BY:</b> | B.SHERIDAN/F.DIOSA | 18-JUN-10   | PROJECTION |



FRONT



- NOTES**
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  2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS.
  3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  4. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.
  5. UPS IS DESIGNED FOR SINGLE AND DUAL MAINS.
- △6. CONFIGURATION SHOWN WITH "SYCF100KF + (10) SYPM10KF2" FOR 100KW.

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**TITLE:**  
 SYMMETRA PX100  
 INPUT: 208V, 3PH  
 OUTPUT: 208V, 3PH, SCALABLE TO 100KW  
 INTERNAL DETAILS

**PROJECT:** SUBMITTAL DRAWINGS

**SHEET:** 4 OF 7

**DWG NO:** SY100K100F

**ENGINEER:** CFF/JS/K SILBERBAUER

**APPROVED BY:** B.SHERIDAN/F.DIOSA

**14-MAY-13**

**14-MAY-13**

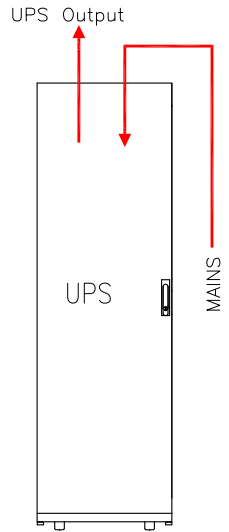
**18-JUN-10**

**REV. 1**

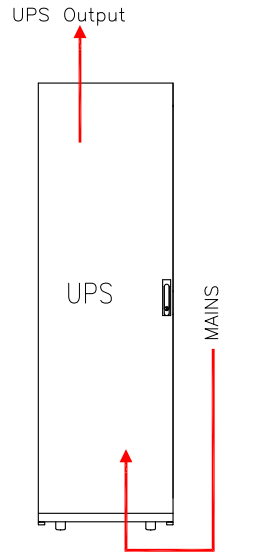
**THIRD ANGLE PROJECTION**

# INSTALLATION WITHOUT PDU

## SINGLE UTILITY



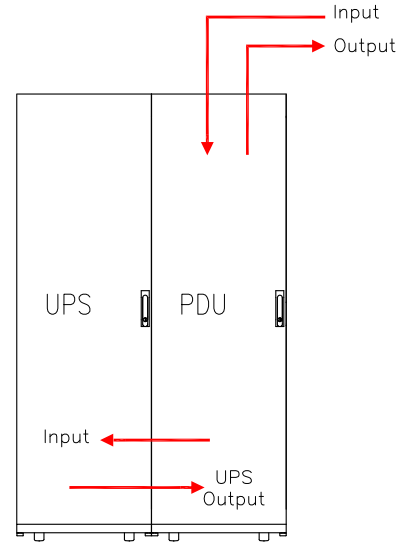
TOP CABLE ENTRY



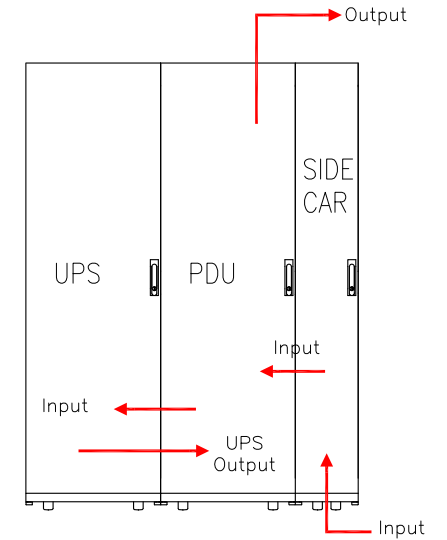
BOTTOM CABLE ENTRY

# INSTALLATION WITH PDU

## SINGLE UTILITY

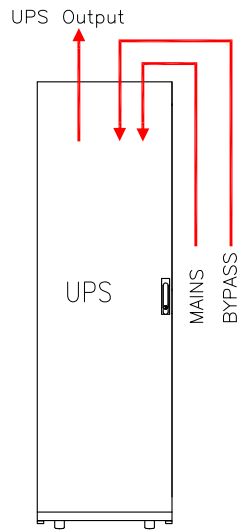


TOP CABLE ENTRY

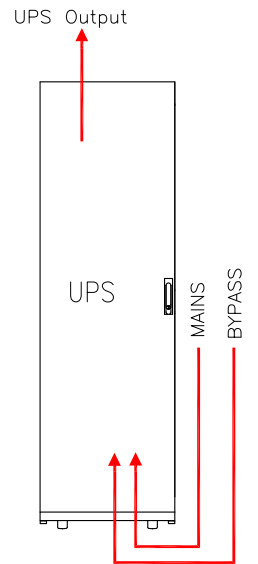


BOTTOM CABLE ENTRY

## DUAL UTILITY

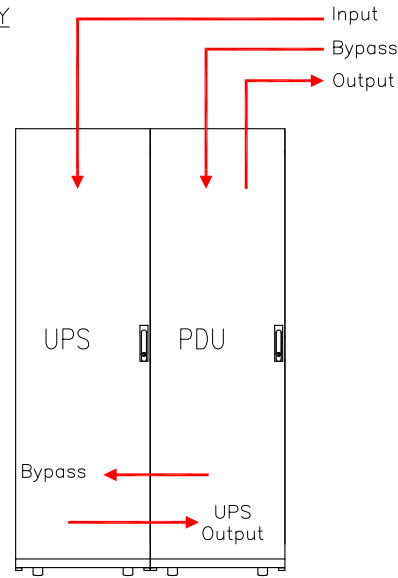


TOP CABLE ENTRY

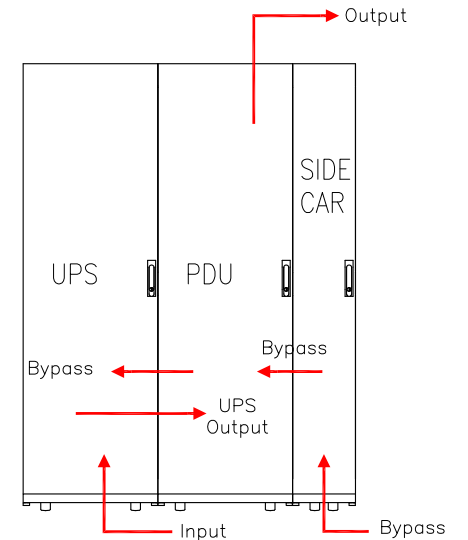


BOTTOM CABLE ENTRY

## DUAL UTILITY



TOP CABLE ENTRY



BOTTOM CABLE ENTRY

### NOTES

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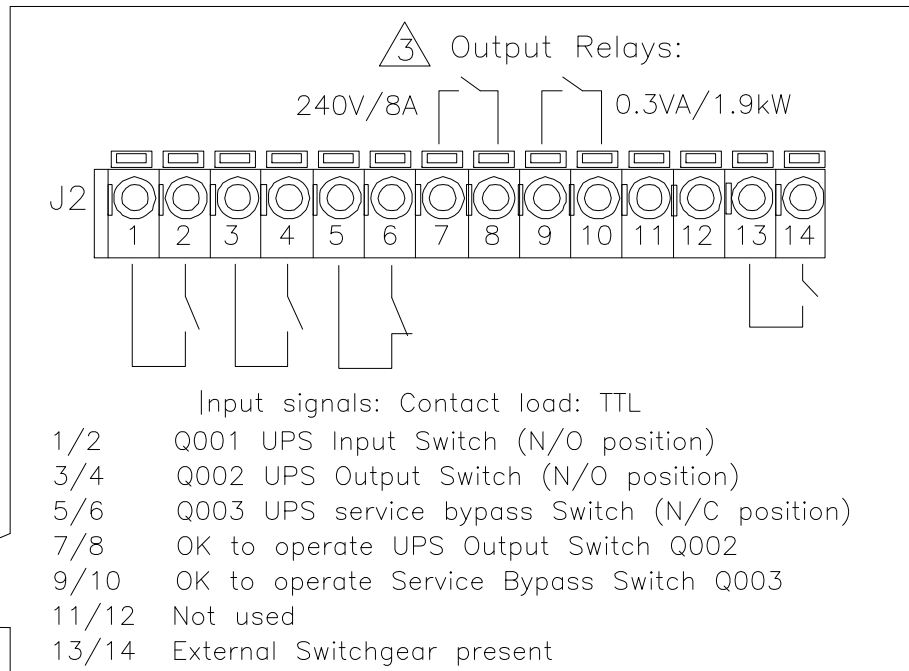
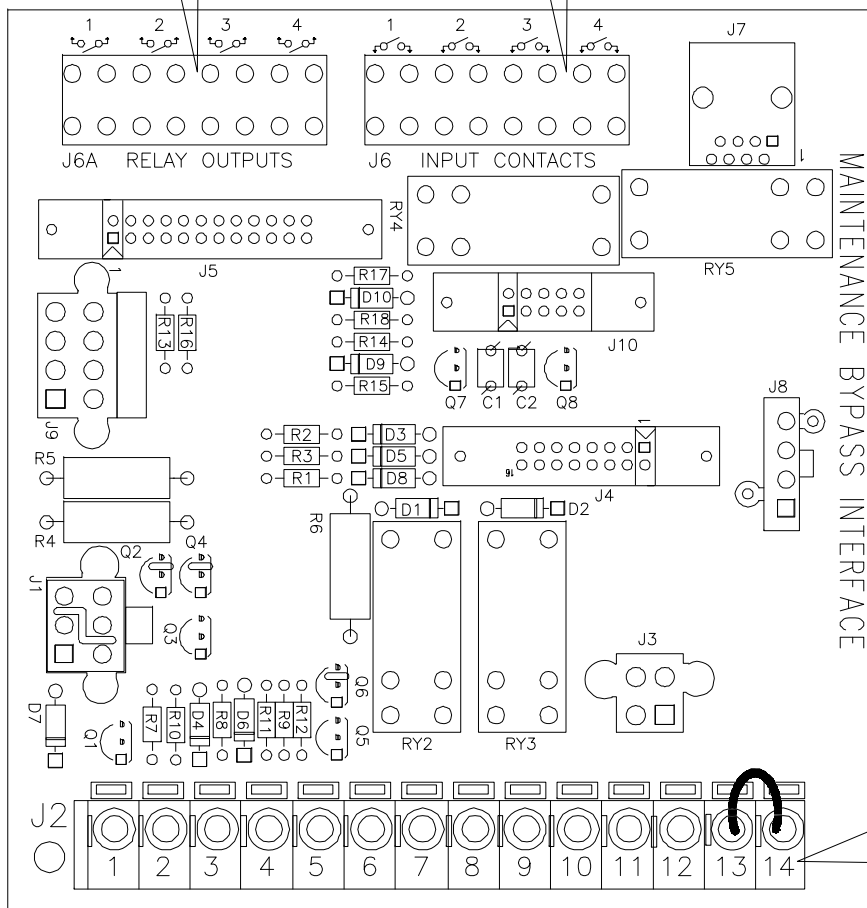


TITLE: SYMMETRA PX100  
 INPUT: 208V, 3PH  
 OUTPUT: 208V, 3PH, SCALABLE TO 100kW  
 CABLE ENTRY DETAILS  
 PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 7

|              |                    |           |            |
|--------------|--------------------|-----------|------------|
| DWG NO:      | SY100K100F         | REV.      | 0          |
| DRAWN BY:    | JAYAPRAKASH        | 03-MAY-10 | THIRD      |
| ENGINEER:    | K.S/C.F.P./J.S     | 18-JUN-10 | ANGLE      |
| APPROVED BY: | B.SHERIDAN/F.DIOSA | 18-JUN-10 | PROJECTION |

# MBP Interface wiring details

Make contact closure connections (NO or NC) to monitor dry contacts. Upto eight connections can be made—four input contacts and four output relays



- NOTES**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS.
- △ 3. 0.3VA: MINIMUM POWER CONSUMPTION OF THE RELAY. 1.9kW: MAXIMUM POWER THAT CAN FLOW THROUGH THE CONTACTS.

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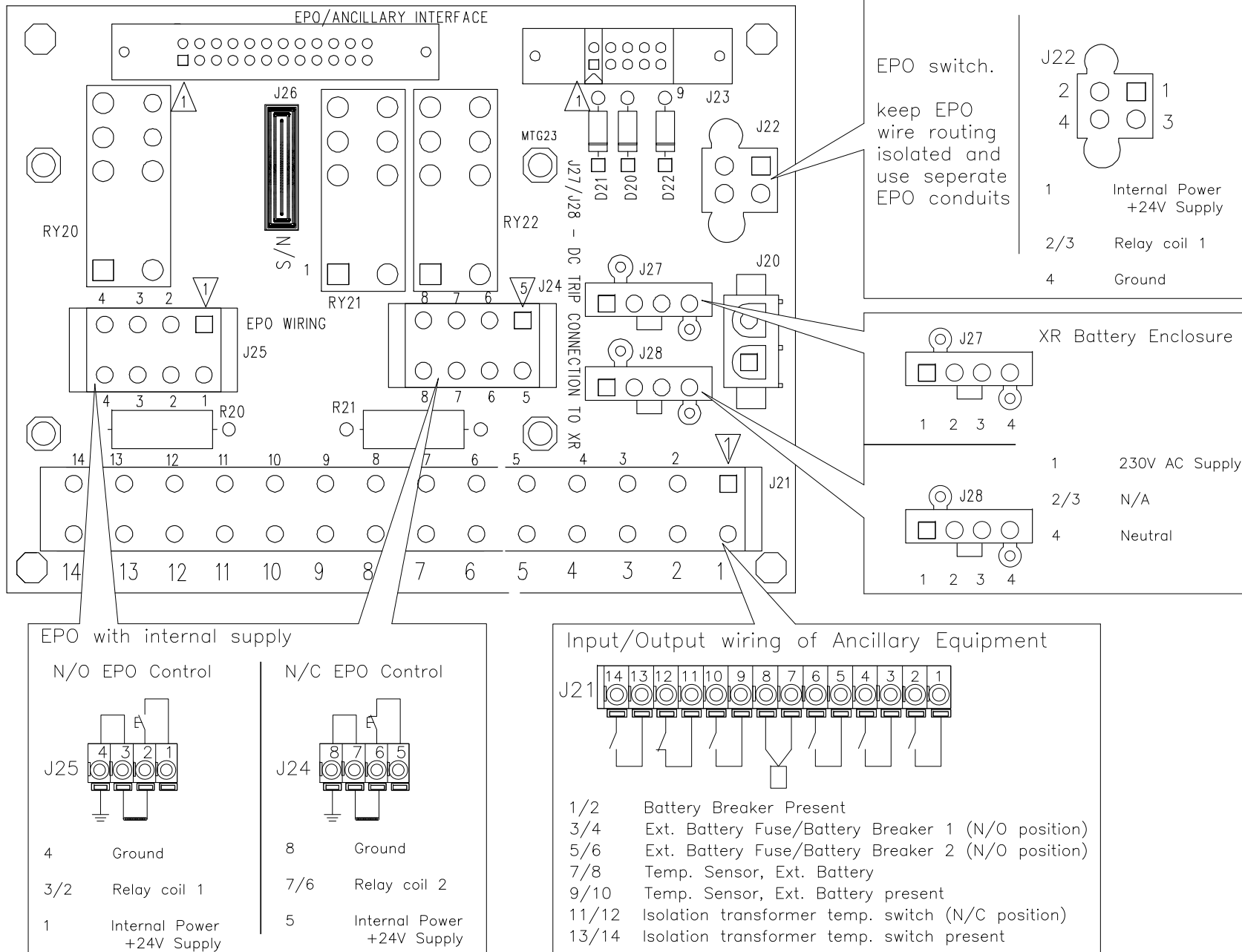


**TITLE:**  
 SYMMETRA PX100  
 INPUT: 208V, 3PH  
 OUTPUT: 208V, 3PH, SCALABLE TO 100kW  
 MBP INTERFACE WIRING DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 7

|                     |                    |             |            |
|---------------------|--------------------|-------------|------------|
| <b>DWG NO:</b>      | SY100K100F         | <b>REV.</b> | 0          |
| <b>DRAWN BY:</b>    | JAYAPRAKASH        | 03-MAY-10   | THIRD      |
| <b>ENGINEER:</b>    | K.S/C.F.P/J.S      | 18-JUN-10   | ANGLE      |
| <b>APPROVED BY:</b> | B.SHERIDAN/F.DIOSA | 18-JUN-10   | PROJECTION |

# EPO switch wiring details



## NOTES

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**Schneider Electric**

TITLE:  
SYMMETRA PX100  
INPUT: 208V, 3PH  
OUTPUT: 208V, 3PH, SCALABLE TO 100kW  
EPO SWITCH WIRING DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 7 OF 7

|              |                    |           |            |
|--------------|--------------------|-----------|------------|
| DWG NO:      | SY100K100F         | REV.      | 0          |
| DRAWN BY:    | JAYAPRAKASH        | 03-MAY-10 | THIRD      |
| ENGINEER:    | K.S/C.F.P/J.S      | 18-JUN-10 | ANGLE      |
| APPROVED BY: | B.SHERIDAN/F.DIOSA | 18-JUN-10 | PROJECTION |