NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.

2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS.

3. DRAWING DEPICTS PHYSICAL LAYOUT AND IS NOT REPRESENTATIVE OF PHYSICAL DRAWING.

4. PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.

5. ALL BREAKERS ARE 80% CONTINUOUS DUTY RATED.

6. AC SOURCE TO BE 208Y/120V, 3 PH, 5 WIRE, A+B+N, AND SHALL BE Run IN SEPARATE CONDUITS.

7. DC SOURCE TO BE SHARED WITH CENTER TAP, 3 WIRE + GROUND.

8. SINGLE MAIN INSTALLATION IS A DEFAULT, BUS BUS BARS SHALL BE REMOVED FOR DUAL MAIN INSTALLATIONS.

9. BATTERY ENCLOSURE IS AVAILABLE WITHOUT BREAKER WITH DC RIDE ONLY.

10. UP TO FOUR XR BATTERY ENCLOSURES MAY BE CONNECTED TO THE UPS TO PROVIDE SHUTDOWN TIME.

11. EXTERNAL BATTERY CABINET IS OPTIONAL, BATTERY KITS MIGHT BE PURCHASED AS AN OPTION. BATTERY SIZING IS BASED ON A MAXIMUM 1 VOLT DROP PER HALF-STRING AT NOMINAL RATED DC CURRENT.

12. CABLE LOUS ARE PROVIDED BY OTHERS.

13. AC SOURCE SHALL BE 208N, 3 WIRE, 5 WIRE, A+B+N, AND SHALL BE RUN IN SEPARATE CONDUITS.

14. SR1 I Jöff, 3 WIRE + GROUND, AND SHALL BE RUN IN SEPARATE CONDUITS.

DUAL MAINS, W/BAYED XR BATTERY CABINETS

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**Diagram Description**

The diagram represents a schematic for dual mains with Bayed XR battery cabinets. Key points include:

- **Power Source**: 208Y/120V, 3 phase, 5 wire.
- **Battery Connections**: XR battery cabinets are connected with specific bus bars.
- **Disconnects**: DC and AC disconnect points are labeled.
- **Overcurrent Protection**: MCCBs (Motor Circuit Circuit Breakers) are used for overcurrent protection.
- **UPS System Output**: Connected to the battery cabinets and primary power supply.

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**Legend**

- **Battery Cabinet**: Recommended by others.
- **Battery Connections**: As per local codes.

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**Table**

<table>
<thead>
<tr>
<th>Component</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Cabinet</td>
<td>XR</td>
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</tbody>
</table>
1. Installation shall comply with all applicable national, state and local codes.

2. Please refer to product documentation for additional details.

3. Drawing depicts power system connections and is not representative of physical layout. Please refer to mechanical drawings for physical layout.

4. All breakers are 20A continuous duty rated.

5. AC source to be 208V, 4 wire, 4 wire connected. (contact Schneider Electric if other)

6. AC cables to be 600V, 4 wire + ground, and shall be run in separate conduits.

7. DC source to be 208V, 4 wire + ground.

8. Single mains installation & a separate DC disconnect shall be required for dual mains installations.

9. DC source for battery cabinets is optional. Battery cabinets may be purchased as an option. Battery sizing is based on a maximum 1 volt drop per half-string at nominal rated DC current. CE shall adjust cable size based on installation parameters.

10. DC cables to be 600V, 4 wire + ground, and shall be run in separate conduits.

11. DC cables shall be 600V, 4 wire, 4 wire connected. (contact Schneider Electric if other)

12. Battery cabinet is available without breakers. DC fuse only.

13. By to four or six battery cabinets may be connected to the UPS to extend backup time.

14. External battery cabinet is optional. Battery enclosures may be purchased as an option. Battery sizing is based on a maximum 1 volt drop per half-string at nominal rated DC current.

15. AC cables shall be 600V, 3 wire + ground, and shall be run in separate conduits.