### Device Rating

<table>
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<tr>
<th>Device</th>
<th>Rating</th>
<th>Type</th>
<th>Make</th>
<th>Model</th>
<th>Accessories</th>
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<td>Q8</td>
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<td>Q7</td>
<td>320A, 500VDC</td>
<td>3P DC BREAKER</td>
<td>ABB</td>
<td>TSN3202WAS4</td>
<td>1-SHUNT TRIP (110-125VAC/DC)</td>
</tr>
</tbody>
</table>

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**NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. THE GROUNDING SYSTEM SHALL BE INSTALLED AS A SEPARATELY DERIVED SYSTEM IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
4. MAXIMUM AVAILABLE FAULT CURRENT IS 600A.
5. AC SOURCE TO BE 208VAC 3PH 3 WIRE+GROUND (CONTACT SCHNEIDER ELECTRIC, IF OTHER), REFER TO SHEET-3 FOR RECOMMENDED OCPD RATINGS.
6. AC CIRCUIT TO BE 600V RATED, 3 WIRE-GROUND.
7. THE GROUNDING ELECTRODE CONDUCTOR (GEC) SHALL BE PROVIDED BY OTHERS.
8. SINGLE MAINS CONFIGURATION IS A DEFAULT. REFER TO SHEET-2 FOR DUAL MAINS.
9. THIS DRAWING SHOWS MINIMUM NUMBER OF XR BATTERY FRAMES.
10. MAXIMUM (4) XR BATTERY FRAMES CAN BE DEDICATED TO UPS.
11. DISTRIBUTION MODULES ARE NOT PART OF PDPY1000AF-4, CAN BE PURCHASED SEPARATELY FROM SCHNEIDER ELECTRIC.
12. SEE INSTALLATION MANUAL FOR RECOMMENDED SETTINGS.
13. FOR PROPER INSTALLATION OF EPO, EMO BREAKER MUST BE INTERRUPTED UPON OF THE EPO BUTTON. A SHUNT TRIP COIL MAY THEREFORE BE NECESSARY FOR THIS PURPOSE. FOR MORE DETAILS, SEE EPO SECTION IN THE INSTALLATION MANUAL.
**Device Rating**

<table>
<thead>
<tr>
<th>Device Rating</th>
<th>Type</th>
<th>Make</th>
<th>Model</th>
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**Utilities**

- **Utility Source**
  - Provided by others
  - 208V 3PH WYE
  - 3 Wire + Ground

**Modular Distribution Panel**

- Modular output
- 2 Wire-Ground or 4 Wire-Ground
- UP System output 100kVA 208V 3PH

**Legend**

- AC Cable - Provided by Others

**Notes**

1. Installation shall comply with all applicable national, state, and local codes.
2. Refer to product documentation for additional details prior to installation and site preparation work.
3. Drawing depicts power system connections and is not representative of physical layout. Please refer to mechanical drawings for physical layout.
4. Maximum available fault current is 900A.
5. AC source to be 208VAC 3PH 3 Wire+Ground (Contact Schneider Electric if other).
6. AC cabling to be 600V rated, 3 Wire+Ground.
7. The grounding electrode conductor (GED) shall be provided by others.
8. Single mains configuration is a default.
9. This drawing shows minimum number of XR battery frames. Maximum (4) XR battery frames can be banded to UPS.
10. Distribution modules are not part of POPM100F5F-W, can be purchased separately from Schneider Electric.
12. Refer to Sheet-3 for recommended OCPD ratings.
13. For proper installation of EPO, M8 Breaker must be interrupted upon the EPO button. A shunt trip coil may therefore be necessary for this purpose. For more details, see EPO section in the Installation Manual.
Symmetra® PX 100K UPS Frame Submittal Data - w/ Modular PDU - w/208V Transformer

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<th>Recommendations</th>
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<th>External Battery System</th>
<th>AC Output</th>
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APC Symmetra® PX

Notes:
1. The rectifier Input source for dual feed must be 208V Wye 3-wire + Ground. Contact Schneider Electric if other.
2. Output is either 208V Wye 3-wire + Ground or 4-wire + GROUND.
3. Recommended cables are THHN AWG/kcmil minimum requirement in raceway, sized for 30°C environment, 75°C terminations, PFC load, and three (3) current carrying conductors per circuit. All cabling must comply with installation site conditions and any applicable Local or National Codes.
4. The transformer input source must be 208V 3-wire + Ground, and the OCPD must be capable of supporting a inrush current of 4500A.
5. Contact Schneider Electric for assistance with all external battery designs. Maximum allowed DC cabling voltage drop is 1 VDC.
6. Electronic Input Current Limit
7. This is the UPS short time rating of 125% Overload for 10 minutes. Actual short time performance may be limited by the overcurrent protective device selected.
8. For maximum scalability or future expansion it is recommended that the UPS frames be installed at their full ratings - see bold highlighted data
9. All OCPD's and cabling are by others.
10. Dual feed only for mains 1 input. See Bypass AC Input for mains 2 input.
11. OCPD = Over Current Protective Device
12. Final selections are responsibility of Engineer of record based on installed conditions and SCC/ Selective co-ordination/ arc-flash analysis.