NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL 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 AC SOURCES ARE 208VAC, 480V, 3PH, 4WIRE, 100A (CONTACT SCHNEIDER ELECTRIC FOR OTHERS).
5. AC CABLES TO BE 600V RATED, 3WIRE, 4WIRE.
6. DC SOURCE TO BE 380VDC WITH CENTER TAP, 3WIRE.
7. UP TO FOUR XR BATTERY ENCLOSURES CONNECTED TO THE UPS TO EXTEND BACKUP TIME.
8. REMOVAL OF BUS LINK TO BE REMOVED FOR DUAL WAYS.
9. UPS INPUT AND OUTPUT CABLES SHOULD BE SEPARATED.
10. POWER WIRING AND CONTROL WIRING SHOULD BE SEPARATED.
11. TO BE REMOVED FOR PARALLEL INSTALLATION.
12. SINGLE MODULE, FOR LINEUP CONFIGURATION ONLY.

LEGEND:
- AC CABLE - PROVIDED BY OTHERS
- DC BUS

DEVICE RATING FOR SVUTSBP10K15F
Q1, Q2, Q3 60A CB 3POLE 600V SQUARE D BY SCHNEIDER ELECTRIC HDL36060AB 2A/2B STANDARD

DEVICE RATING FOR SVUTSBP20K30F
Q1, Q2, Q3 125A CB 3POLE 600V SQUARE D BY SCHNEIDER ELECTRIC HDL36125AB 2A/2B STANDARD

DEVICE RATING FOR SVUTSBP20KSC FK 2WIRE/3WIRE
Q7 250A CB 3POLE 500V SQUARE D BY SCHNEIDER ELECTRIC KHL36250250C1388 1-SHUNT TRIP 208/240V 1-AUX, SWITCH

120V, 100A, 2 WIRE GROUND

208V, 300A, 3 WIRE + GROUND
NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.
2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS.
3. DRAWING DEPENDS ON PRODUCT DOCUMENTATION AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.
4. ALL AC SOURCES ARE 600V RATED, 3PH, 4W, 3A (CONTACT SCHNEIDER ELECTRIC FOR OTHERS).
5. AC CABLE TO BE 300V RATED, 3PH, 4W, 3A (CONTACT SCHNEIDER ELECTRIC FOR OTHERS).
6. DC SOURCE TO BE 600V RATED, 3PH, 4W, 3A (CONTACT SCHNEIDER ELECTRIC FOR OTHERS).
7. DC SOURCE TO BE 600V RATED WITH CENTER TAP, 3PH, 3A (CONTACT SCHNEIDER ELECTRIC FOR OTHERS).
8. TO SUPPLY TO FOUR 120V BATTERY ENClosures CONNECTED TO THE UPS TO EXTEND BACKUP TIME.
9. CABLE LUGS ARE PROVIDED BY OTHERS.
10. REMOVABLE BUS LINKS TO BE REMOVABLE FOR DUAl WIRING.
11. UPS INPUT AND OUTPUT CABLES SHOULD BE SEPARATED.
12. POWER WIRING AND CONTROL WIRING SHOULD BE SEPARATED.
13. TO BE REMOVED FOR PARALLEL INSTALLATION.
14. SINGLE MODULE, FOR LINEUP CONFIGURATION ONLY.
### SMART-UPS VT® 10K to 30K UPS Frame (1 Module) Site Planning Data - SBP Cabinets

**Battery - Nominal Voltage**: +/-192V DC  
**Input Voltage**: 208V AC, **Output Voltage**: 208V AC

<table>
<thead>
<tr>
<th>UPS Rating</th>
<th>SKU Number</th>
<th>System Input @ 208V AC</th>
<th>System Output</th>
<th>Battery Current (A) (in UPS Cabinet)</th>
<th>Recommended Overcurrent Protection Device Rating (MIB)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Nominal Current (A) (Normal Operation)</td>
<td>Maximum Current (A) (Normal Operation)</td>
<td>Nominal Current (A) (Bypass Operation)</td>
<td>System Output Power</td>
</tr>
<tr>
<td>10kVA/8kW</td>
<td>SUVTP10KF1B2S</td>
<td>24.3</td>
<td>26.7</td>
<td>27.8</td>
<td>10kVA/8kW</td>
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<tr>
<td>15kVA/12kW</td>
<td>SUVTP15KF2B4S</td>
<td>36.5</td>
<td>40.2</td>
<td>41.6</td>
<td>15kVA/12kW</td>
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<tr>
<td></td>
<td>SUVTP15KF3B4S</td>
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<td>SUVTP15KF4B4S</td>
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<tr>
<td>20kVA/16kW</td>
<td>SUVTP20KF2B4S</td>
<td>48.5</td>
<td>53.4</td>
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<tr>
<td>30kVA/24kW</td>
<td>SUVTP30KF3B4S</td>
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<td>80.3</td>
<td>83.3</td>
<td>30kVA/24kW</td>
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<td></td>
<td>SUVTP30KF4B4S</td>
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<td></td>
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</tr>
</tbody>
</table>

**Notes:**
1. Nominal Input current based on nominal mains voltage + batteries fully charged at 100% ohmic load.
2. Maximum Input current based on fully battery recharge + nominal mains voltage at 100% ohmic load.
3. Suggested input overcurrent protection based on continuous full load.
4. Nominal battery voltage assumed to be 2.0 volts/ cell (lead acid technology)