LITHIUM ION BATTERY CABINET

NOTES:
1. 120W MAXIMUM (SUPPLIED AND INSTALLED BY OTHERS)
2. 8 SIGNAL WIRES REQUIRES (6 SIGNAL WIRES FOR 9900 C/CX), 22-16 AWG WIRE SIZE (SUPPLIED AND INSTALLED BY OTHERS)
3. RACK SPECIFICATIONS:
   - 396 kW MAX POWER
   - 462-588 VDC OPERATING VOLTAGE RANGE

---

TOP VIEW
(WITH DOORS REMOVED)

Power Connections
(COVER REMOVED FOR CLARITY)

M10 Threaded Stud
1.5" MAX WIDTH FOR CABLE LUG

ONLY ONE INTEGRATED ZONE CONTROLLER PER SYSTEM

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DETAIL A
DC TERMINAL COVER
TYPICAL 3 PLACES

DETAIL B
TYPICAL 4 PLACES
RETAIN BRACKETS AFTER SHIPPING

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SEE OWNERS MANUAL FOR ANCHOR BRACKET TORQUE VALUES

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GROUND
(2 AWG MINIMUM, SUPPLIED AND INSTALLED BY OTHERS)

DC POWER CABLES
-(1) 500KCMIL MAXIMUM PER POLE WITH OPTIONAL MODIFIED COVER
-(1) 400KCMIL MAXIMUM PER POLE WITH STANDARD COVER

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BCL03
LITHIUM ION BATTERY CABINET

INTERFACE PCB

120VAC CONTROL POWER FROM UPS SOURCE

<table>
<thead>
<tr>
<th>UPS I/O SIGNALS</th>
<th>PIN</th>
<th>SIGNAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>J5-1</td>
<td>+24V BATTERY ENABLE</td>
<td></td>
</tr>
<tr>
<td>J5-2</td>
<td>BATTERY ENABLE</td>
<td></td>
</tr>
<tr>
<td>J5-3</td>
<td>SPARE</td>
<td></td>
</tr>
<tr>
<td>J5-4</td>
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<td></td>
</tr>
<tr>
<td>J5-5</td>
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<tr>
<td>J5-6</td>
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<tr>
<td>J5-7</td>
<td>DISCHARGE STOP C</td>
<td></td>
</tr>
<tr>
<td>J5-8</td>
<td>DISCHARGE STOP NO</td>
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<tr>
<td>J5-9</td>
<td>RACK CONNECTED C</td>
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<tr>
<td>J5-10</td>
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<tr>
<td>J5-11</td>
<td>CHARGESTOP C</td>
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</tr>
<tr>
<td>J5-12</td>
<td>CHARGESTOP NO</td>
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</tbody>
</table>

CUSTOMER CONNECTION FOR MODBUS TCP/IP

AUX CONTACT INTERFACE CONNECTIONS SEE TABLE

TO UPS CHARGE STOP

TO UPS CB2 AX

TO UPS DISCHARGE STOP

FROM UPS CB2 UVT

INTERFACE PCB

BATTERY SYSTEM 120VAC CONTROL POWER FROM UPS SOURCE (SEE NOTE 1)
UPS I/O SIGNAL (TYPICAL SEE NOTE 2)