XGI 1000 Wiring Box Options
Provide Increased Design Flexibility
Yaskawa Solectria Solar’s XGI 1000 commercial string inverters are configured in the factory with the features to meet the varying needs of each system. Select a standard model with either 4 MPPT (Independent Mode) or a single MPPT (Combined Mode); upgrade either model to the Large AC Lugs Wiring Box to reduce AC voltage drop.

Standard Wiring Box - 4 MPPT
Independent Mode

<table>
<thead>
<tr>
<th>DC Fuseholders</th>
<th>12-8AWG Cu only</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Terminals</td>
<td>3AWG-1/0 Cu or 1AWG-1/0 Al</td>
</tr>
<tr>
<td>N and PE</td>
<td>8-4AWG Cu or 6-4AWG Al</td>
</tr>
<tr>
<td>Max PV Current (Isc x 1.25)</td>
<td>50A per MPPT Zone</td>
</tr>
</tbody>
</table>

Standard Wiring Box - 1 MPPT
Combined Mode

<table>
<thead>
<tr>
<th>DC Fuseholders</th>
<th>12-8AWG Cu only</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Terminals</td>
<td>3AWG-1/0 Cu or 1AWG-1/0 Al</td>
</tr>
<tr>
<td>N and PE</td>
<td>8-4AWG Cu or 6-4AWG Al</td>
</tr>
<tr>
<td>Max PV Current (Isc x 1.25)</td>
<td>180A</td>
</tr>
</tbody>
</table>

Large AC Lugs Wiring Box - 4 MPPT
Large AC Lugs Wiring Box - 1 MPPT
Accommodates Large AC Conductors for Lower Voltage Drop

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>AC Terminals</td>
<td>3AWG-3/0 Cu or 1AWG-3/0 Al</td>
</tr>
<tr>
<td>N and PE</td>
<td>6-1/0AWG Cu or 6-1/0AWG Al</td>
</tr>
</tbody>
</table>

Contact Yaskawa Solectria Solar for more information. Email inverters@solectria.com or call 978-683-9700.