1. Configure the G500XLT’s network settings
   
   (1) Required items
   ▪ Windows PC
   ▪ Galt Electric Network Parameter Utility (NPU)
   ▪ USB Mini-B Cable
   
   (2) Download the NPU from the G500XLT product page
   
   (3) Extract and run the NPU software
   
   (4) Connect the USB cable between the PC and G500XLT
   
   (5) Select the desired protocol and configure the card’s network settings appropriately for your network
   
   (6) Click the Submit button

2. Install the G500XLT extension card
   
   (1) Power off the inverter
   
   (2) Remove the inverter’s front cover
   
   (3) Securely mount the option card in any extension card slot on the inverter’s control board
   
   (4) Install and tighten the mounting screw
(5) Wire the RS-485 network cable to the option card’s RS-485 terminal block.

<table>
<thead>
<tr>
<th>Terminal</th>
<th>Network Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>RS-485 Positive (Non-Inverting) Data Signal</td>
</tr>
<tr>
<td>–</td>
<td>RS-485 Negative (Inverting) Data Signal</td>
</tr>
<tr>
<td>COM</td>
<td>RS-485 Common-Mode (0V) Reference</td>
</tr>
<tr>
<td>SHIELD</td>
<td>Cable Shielding Daisy-Chain Point</td>
</tr>
<tr>
<td></td>
<td>This terminal has no internal connection</td>
</tr>
</tbody>
</table>

(6) Cut off the corresponding tab on the side of the inverter’s front cover and open the knockout for cabling.

(7) Route the RS-485 cable out of the inverter along with other control-level wiring.

(8) Reinstall the inverter’s front cover and secure the cable(s).

3. Installation is complete

4. Additional G500XLT documentation, software, and other resources can be found on the G500XLT product page at:

   [http://www.galt.iccdesigns.com/g500xlt](http://www.galt.iccdesigns.com/g500xlt)

5. Refer to the G500XLT Instruction Manual for additional details or contact Galt Electric for technical support.